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SEED ANNUAL for 1930

ST. LOUIS SEED COMPANY

411-413
Washington
Avenue

St. Louis,
Missouri



6 Charming GLADIOLI

- 1 Souvenir
- 2 Le Marechal Foch
- 3 Anna Eberius
- 4 Mrs. Francis King
- 5 Pink Wonder
- 6 Scarlet Princeps

4 each of 6 Varieties

24 Selected **\$1**
Bulbs for . .

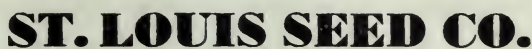


St. Louis Seed Co. Large Flowering Hybrids Delphinium

Produced from the world's choicest named varieties, secured from the most noted European and American specialists. The results obtained were really marvelous; the plants of strong, vigorous habit with large spikes of enormous flowers in every shade of blue from the palest lavender to the richest oxford-blue as well as a number of pastel or art shades. It has the additional quality of giving individual florets of immense size and handsomely formed spikes. Early Spring sowings will produce some flowers in the early Fall and will be at their best the following Spring.

Pkt., 25c; 5 for \$1.00.

Bulbs, Shrubs and Plants



PHONE: CENTRAL 4100

Stamps - - \$

Laid out by; _____ : Checked by _____

Seeds and Supplies



ST. LOUIS SEED CO.

PHONE: CENTRAL 4100

Date _____ Forward by (STATE WHETHER WANTED BY
MAIL, EXPRESS OR FREIGHT.)

Name _____

Express or Freight Office

Street Address

Post Office

County _____ State _____

Rural Route No. _____ Box _____ O. K.

No.

Amt.

Date _____

Ent.

Ackn.

O. K.

PLEASE DO NOT WRITE IN THIS SPACE.

Post Office

Money Order \$

Draft or Check \$

Cash - - - \$

Stamps - - \$

NO.	QUANTITY	ITEMS	DOLLARS	CENTS
		(PLEASE DO NOT WRITE IN THIS SPACE)	TOTAL	

Route Shipped by _____ Date Shipped _____ Amt. Pkgs. _____

Laid out by; _____; Checked by _____

Seeds and Supplies

[illegible]

OUR 1930 ANNUAL CATALOGUE

Serving the Gardener, Farmer and Amateur for years, we have always kept before us the importance of High Quality. Seeds of High Quality are those with a known pedigree, that have been produced under conditions of painstaking care, harvested properly, and proved to be of strong vitality.

That we have succeeded in our efforts to furnish Seeds of this High Quality during the years we have been in business is shown by the very gratifying increase which our business has shown year by year. We have been favored, too, with remarkably loyal support on the part of our customers, many of whom started to trade with us years ago and are with us yet. To old and new customers alike we are sincerely grateful.

SUGGESTIONS FOR ORDERING

Phone CE ntral 4100

ORDER EARLY

Phone CE ntral 4100

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING.

It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Unknown correspondents desiring to open an account will furnish three references from parties in the trade with whom they have had credit relations, otherwise cash must accompany order.

Remittances should be made by Post-Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your orders always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST—Customers living on R. F. D. routes, and beyond express delivery will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES ON VEGETABLE SEEDS are net, but on **PACKETS, OZS.,** and $\frac{1}{4}$ lbs. **WE PREPAY POSTAGE.**

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by pound, gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 35c each. Burlap, 10c each.

Parcel Post Rates and Weight Limit

The weight limit within the first, second, and third zones is now 70 pounds, and within all other zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by Express beyond the third zone.

	1st lb. or Fraction	Ea. add. lb. or Fraction
1st Zone, within 50 miles from St. Louis.....	7c	1c
2nd Zone, within 150 miles from St. Louis.....	7c	1c
3rd Zone, within 300 miles from St. Louis.....	8c	2c
4th Zone, within 600 miles from St. Louis.....	9c	4c
5th Zone, within 1000 miles from St. Louis.....	10c	6c
6th Zone, within 1400 miles from St. Louis.....	11c	8c
7th Zone, within 1800 miles from St. Louis.....	13c	10c
8th Zone, all over 1800 miles from St. Louis.....	14c	12c
Canada, all parts	14c	14c

If in doubt obtain your zone rate from your postmaster

ABOUT WARRANTING SEEDS

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalog will be executed on these conditions only. It must, however, be plain to every one who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

ST. LOUIS SEED COMPANY

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Books on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN



Agriculture, The Principles of— Prof. L. H. Bailey.....	\$2.25
American Greenhouse Construction.....	1.75
Alfalfa—E. D. Colburn.....	.85
Apple Culture—Bailey.....	.85
Asparagus Culture—F. M. Hexamer.....	1.25
Birds of the Wild—Frank C. Pellitt.....	1.75
Book of Annuals—Prof. A. C. Hottes.....	1.50
Book on Bulbs—F. F. Rockwell.....	3.00
Book of Perennials—Prof. A. C. Hottes.....	1.50
Book of Shrubs—Prof. A. C. Hottes.....	3.00
Broom Corn Culture—A. G. McCall.....	.85
Bulbs and Tuberous Rooted Plants—Allen.....	2.50
Cabbage, Cauliflower—C. L. Allen.....	.85
Celery Culture—T. Greiner.....	.85
City and Suburban Garden—C. C. Sherloch.....	2.00
Floriculture, Commercial—Fritz Bahrs.....	2.00
Floriculture, Practical—Henderson.....	2.50
Foundation Planting—Prof. F. A. Waugh.....	3.50
Fruit, Harvesting, Storing, Marketing.....	2.00
Fumigation Methods—W. J. Johnson.....	1.50
Garden Book—Vernon H. Davis.....	1.00
Garden Guide—The Amateur Gardener.....	1.00
Gardening for Pleasure—Peter Henderson.....	2.00
Gardening for Profit—Peter Henderson.....	2.00
Gardening Under Glass—F. E. Rockwell.....	2.50
Gardening with Peat Moss.....	1.00
1001 Garden Questions—Prof. A. C. Hottes.....	2.00
Gladolus—By Rockwell.....	1.00

Hardy Evergreens—F. A. Schrepper.....	\$1.25
Hardy Shrubs—F. A. Waugh.....	1.25
Hedges—Windbreaks, etc.—E. P. Powell.....	1.00
Home Floriculture.....	.50
Home Landscape—Arthur J. Jennings.....	2.50
Iris, The—John E. Wister.....	1.25
Irrigation Farming—Lute Wilcox.....	2.00
Landscaping Gardening—F. A. Waugh.....	2.50
Manual of Corn Judging—Archibald D. Shamel.....	1.00
Milady's House Plants—F. E. Palmer.....	1.25
Mushroom Culture—W. Robinson.....	1.00
Mushrooms, How to Grow Them—Wm. Falconer.....	1.50
Onion Culture, The New—Greiner.....	1.00
Orcharding—Productive—Sears.....	2.50
Peach Culture, Revised—Fulton.....	1.25
Peanut Plant—B. W. Jones.....	1.00
Plant Culture—Hottes.....	3.50
Plant Propagation—Practical—Alfred Hottes.....	2.00
Principle of Flower Arrangement— Prof. E. A. White.....	3.00
Pomology, Systematic—F. A. Waugh.....	1.50
Rhubarb Culture, The New—J. E. Morse.....	1.00
Soiling Crops and the Silo—Thomas Shaw.....	1.50
Strawberry Cultivist—Fraser.....	1.25
Sweet Potato Culture—James Fitz.....	1.00
The Rose America—By McFarland.....	3.00
The Woman's Flower Garden—Jane L. Kife.....	1.00
Tobacco Culture.....	.75
Truck Farming in the South—Dr. A. Oemler.....	2.00
Vegetable and Flowering Plants Under Glass.....	3.50

ST. LOUIS SEED COMPANY'S CALENDAR FOR SEED PLANTERS IN THE LATITUDE OF ST. LOUIS

JANUARY—Sow in Hotbed—Early Beet, Early Cabbage, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hotbed—Early Beet, Broccoli, Early Cabbage, Cauliflower, Celery, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hotbed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. **Sow in Open Ground—**Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onions, Parsnips, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hotbed—Cucumber, Egg Plant, Melon, Pepper, Tomato. **Sow in Open Ground—**Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnips, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Turnips, Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnips, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. **Plant—**Winter Onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. **Plant—**Winter Onions. **Write for St. L. S. Co.'s Bulb Catalogue.**

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. **Plant—**Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.



ST. LOUIS SEED CO.'S SELECTED LAWN SEEDS

ALL OUR LAWN GRASSES ARE RECLEANED AND TESTED FOR HIGHEST QUALITY, PURITY AND GERMINATION

The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot summer sun. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in autumn, and a combination of the proper sorts is required for a perfect, carpet-like lawn. It may be planted early in spring or fall and should be sown at the rate of sixty to one hundred pounds per acre. If sown in the spring, sow as early as possible.

One pound Lawn Grass Seeds will sow 300 square feet; 75 to 100 pounds to the acre. For renovating old lawns, about half that quantity.

ST. LOUIS SEED CO. HAVALAWN GRASS SEED Especially Adapted to This Locality and Will Insure a Fine, Velvety Lawn

Havalawn is a mixture of the finest, recleaned grass seed, a well-balanced mixture of Kentucky Blue, Red Top, German Bent, Red Fescue, and White Clover. The best sod and lawn producing grasses. Havalawn insures a steady succession of growth—there will be no break in the richness of the verdure from Spring until Winter. Price, ½ lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 25 lbs., \$10.00; 100 lbs., \$35.00.

ST. LOUIS SEED CO.'S SHADY LAWN MIXTURE

This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. The mixture is a combination of fine dwarf-growing evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price, ½ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 100 lbs., \$35.00.

QUICK RESULT MIXTURE

This is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places. Price, ½ lb., 30c; 5 lbs., \$1.25; 25 lbs., \$5.00; 100 lbs., \$19.00.

KENTUCKY BLUE GRASS (*Poa Pratensis*)

Fancy extra recleaned. Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. Sown with White Clover it forms a splendid lawn; for this purpose use not less than seventy-five pounds of Blue Grass and six pounds of White Clover per acre. Price, 1 lb., 45c; 3 lbs., \$1.25; 10 lbs., \$4.00; 25 lbs., \$8.25; 100 lbs., \$28.00.

Canadian Blue Grass (*Poa Compressa*). A hardy perennial with creeping root-stalks which form a strong turf. It withstands drought better than most cultivated grasses and is especially valuable in Lawn Grass mixtures. Price, 1 lb., 45c; 3 lbs., \$1.25; 10 lbs., \$4.00; 100 lbs., \$26.00.

Creeping Bent Grass (*Agrostis stolonifera*). This is particularly valuable for lawns that are to be used for croquet grounds or for tennis courts, because it is benefited more than hurt by tramping and by its bright color adds to the beauty of the lawn. Price, ½ lb., 60c; 1 lb., \$1.10; 5 lbs., \$4.75; 25 lbs., \$22.50.

Fescue, Red or Creeping (*Festuca rubra*). For fine lawns and putting greens. Succeeds on sandy soils. Price, ½ lb., 60c; 3 lbs., \$1.75; 10 lbs., \$5.25.

Poa Trivialis. An ideal grass for shade. This grass is a perennial closely related to Kentucky Blue Grass. Price, ½ lb., 70c; 3 lbs., \$1.80; 10 lbs., \$6.00.

Perennial Rye Grass. Very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. Price, 1 lb., 25c; 3 lbs., 70c; 10 lbs., \$2.00; 100 lbs., \$15.00.

Red Top. A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price, 1 lb., 40c; 3 lbs., \$1.15; 10 lbs., \$3.25; 100 lbs., \$24.00.

WHITE DUTCH CLOVER SEED

Clover (White or Dutch). A low, close-growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. Price, ½ lb., 40c; 1 lb., 75c; 3 lbs., \$2.10; 5 lbs., \$3.50; 25 lbs., \$15.00.

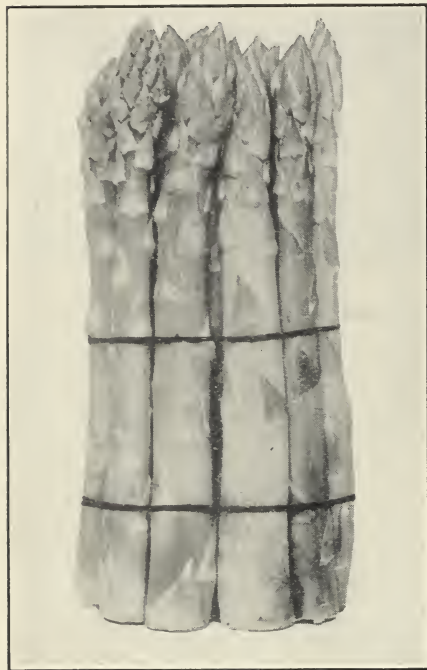
GENERAL LIST OF HIGHEST GRADE VEGETABLE SEEDS

It has always been our endeavor to list only such sorts of vegetable seeds as, from our tests and experience, we have found to be of superior merit. In many instances, we have stricken out varieties that were out of date, but have always listed a superior sort that we could honestly recommend as better for the home garden as well as for the market gardener.

To the market gardener, we know that he is well acquainted with the varieties and the various vegetables that prove the most satisfactory and profitable for his neighborhood. To him we can only say that "Pure and Sure" Seeds of any variety he plants will be the best investment he can make.

Our sources of supply are the very best and our strict tests for germination and vitality assure all who plant "Pure and Sure" Seeds that as far as the seeds are concerned, all that human hands can do to make them the very best has been done.

With this in mind, we are sure you will not hesitate about sending us your order for seeds for the coming spring, and we have no doubt that you will never be disappointed with the results from "Pure and Sure" Seeds.



ARTICHOKE

CULTURE—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt, will mature the second year.

Giant Green Globe. Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50.**



ASPARAGUS

One ounce will sow about 50 feet of drill.

The asparagus seed furnishes the first green delicacy for our table in the Spring, is universally popular, and requires but little care for its successful cultivation.

To secure the choice early stalks the land selected for an Asparagus bed should be a warm rich loam, preferably exposed to the south. Manures and fertilizers must be used lavishly to secure the best results. Plants can be easily raised from seed.

We also offer the roots two years old, which will become established in a single season. One ounce of seed will sow about 50 feet of drill. For the home garden, set the plants about 12 inches apart and about 3 feet between the rows.

When ordering ask for our free leaflet on Asparagus Culture.

Washington, The New Giant Rust-Proof Variety. This new sort is the result of many years' work in plant breeding by the U. S. Department of Agriculture. The Washington is a rust-resistant, vigorous, high yielding strain of Giant Asparagus. An asparagus bed is a permanent investment, therefore, plant the best obtainable, whether you figure on a small bed in your home garden or on a ten-acre field for market.

Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Mary Washington. A special selection from Pedigreed Washington, being earlier and larger, and the stalks slightly oval in form. Produces large healthy stalks, impervious to rust.

Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Palmetto. Light green, heavy yielding early producing, large clear stalks of excellent quality. Very early. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.**

Giant Argenteuil. This variety has thus far been free from rust. Very early, producing an even growth and a large yield. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.**

ASPARAGUS ROOTS

(By Parcel Post 5c per dozen Extra)

CULTURE—The demand for Asparagus as an early spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots which should be sent out in the spring in rich soil. Dig a trench about 2 feet deep and 1½ feet wide, and fill to about one foot from the surface with soil and well rotted manure. On this put about six inches of good garden soil and lay the roots 12 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

Extra Choice Two-Year Roots

	Doz.	4 Doz.	8 Doz.	1000
Palmetto	\$0.25	\$0.90	\$1.75	\$13.50
Washington (rust-proof) .....	.30	1.00	2.00	16.00





DWARF BEANS

One pound will plant 100 feet of row;
Sixty pounds will plant an acre.



At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; by parcel post, in 1 lb. or over add postage at lb. rates.

CULTURE—Plant about the first of May in rows, placing the seeds 2 to 3 inches apart in drills about 2½ inches deep. The rows should be about 2½ feet apart, and the soil slightly hilled, to insure good drainage and keep the Beans from touching the ground. Most Beans should be picked when about 4 inches long. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plant, as this frequently disturbs young feeding roots. Use the finger nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession plant every two weeks up to August 1.

GREEN PODDED VARIETY

New Stringless Green Pod

St. L. S. Co.'s New Stringless Bush Bean is absolutely stringless from the first to the last picking, and is quite free from rust. The vine is upright, strong and healthy; about one and a half to two feet in height, and bears a heavy crop of meaty, tender pods six to seven inches in length. The quality and flavor of the pods are unexcelled. **Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 25 lbs., \$9.50.**

Bountiful Stringless. This is the best flat-podded stringless variety. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive and of very fine quality. It is very early, vigorous and a heavy yielder. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.50; 100 lbs., \$30.00.**

Full Measure. Fine stringless medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the Bean and are tender. It is a prolific sort, the heavy pods producing throughout a long season. The season is about the same as Burpee's Stringless, although this variety is more productive. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75; 100 lbs., \$34.00.**



St. Louis Seed Co. Green Pod Stringless

Black Valentine. A popular variety for the gardener, being ready to pick in 45 days. It produces large pods, about 6 inches long, slender round and nearly straight, quite stringy and fibrous, though fine grained and medium green in color. It is early productive, vigorous and hardy. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$22.00.**

Giant Stringless Green Pod. An exceedingly productive and very handsome sort. The plants are large, vigorous and spreading. The pods are large and nearly round, and of medium green color. They mature a few days later than those of Stringless Green Pod, average about one-fourth inch longer and more nearly straight. The variety is suitable for the market. The quality is very good for snaps for home use. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.50; 100 lbs., \$30.00.**

Longfellow. Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long. Pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$22.00.**

Stringless Green Pod. A very desirable dwarf green podded snap sort for the home garden and largely grown for the market. The plants are large, spreading and productive. The pods are medium green, five to six inches long, cylindrical, larger than those of Red Valentine, but are quite as fleshy, of equally high quality and remain crisp and tender longer. They mature a little later. Seed of medium size and length, yellowish brown. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$24.00.**

Valentine, Improved Early Round Pod. One of the best extra early for home use or market. Extra early and is usually ready for harvesting from 35 to 40 days after planting. Vines strong and vigorous; pods green, medium length, curved with creases in the back, very fleshy, crisp and tender. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$22.00.**

White Navy. The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.25.**

Making Gardening a Real Pleasure

BY MAKING up your order from this catalog, for your spring garden, we are sure you will have satisfaction, as we list only standard varieties of seeds which are used by the leading market-gardeners.

Plant our "Pure and Sure" Seeds for best results.

WAX-PODDED BUSH BEANS

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; by parcel post in one lb. or over, add postage at lb. rate.



St. L. S. Co.'s White Wax. This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It produces no culls, the pods average five to six inches in length, a round-podded, wax variety; they are very solid, meaty and tender, free from string. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 100 lbs., \$28.00.

Golden Wax. One of the best for home garden. The pods are simply perfect in size and shape, and of a bright yellow color. Superior quality, tender and entirely free from stringiness. Pods are very thick and fleshy, they "snap" readily and remain in edible condition a long time. The vines are of vigorous growth, hardy and yield enormous quantities of large, handsome, flat, meaty pods, borne well up from the ground. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$25.00.

Pencil Pod Wax. This very handsome black wax sort is medium early, fairly hardy and productive. It is one of the very best sorts for home use and for near markets where highest quality is desired. The pods are long, five to six inches, straight, round, fleshy and of a bright yellow color. They are tender, absolutely stringless, solid black. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.65; 100 lbs., \$23.00.

Wardwell's Kidney Wax. This standard variety maturing a little later than Golden Wax, yields a large crop of long, nearly straight, broad, light golden yellow handsome pods.

Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 100 lbs., \$25.00.

POLE BEANS—GREEN PODDED SORTS

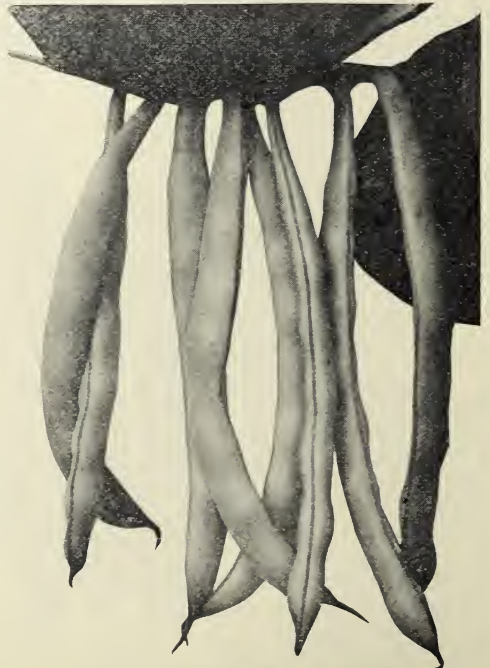
Use one pound of seed for 100 hills; 30 pounds will plant an acre.

CULTURE—Pole beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

St. L. S. Co.'s White Cornfield. An early maturing, green podded, white seeded pole sort, desirable for snaps and unsurpassed in its class as green shell beans. The vines are vigorous and very productive. The pods are round, very long, often eight to nine inches, irregular in shape and quite stringless. The beans when shelled green are large, very tender and white, a very desirable feature when comparison is made with the colored beans of other varieties of this class. Seed medium long, oval or well rounded, solid white. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$25.00.

Kentucky Wonder. Also known as Old Homestead. We believe this variety is the most practically useful of the green podded pole beans suitable for use as snaps. It is an early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching nine or ten inches curved and twisted, nearly round and very crisp when young, becoming very irregular and spongy as the beans ripen. Seed long, oval, slightly flattened, dun colored. One of the very best early pole snap beans for the home garden or market. The quality of our stock is unsurpassed. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$19.00.

Lazy Wife. The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.



St. L. S. Co.'s White Cornfield

BUSH LIMA BEANS

One pound will plant about 100 hills, or 100 feet of row;
60 pounds will plant an acre.

By Parcel Post, in 1 lb. or over, add Postg. at lb. rate.

A rich, light soil is best. Sow the seed after the ground is dry, danger of frost is over, and the nights are warm (about May 1 in the latitude of Mo.). Make the rows 3 feet apart, dropping the Beans so the plants will stand 4 to 6 inches apart in the row, and cover with less than one inch of soil. Bush Limas may also be planted in hills, 3 feet apart one way and 2 feet the other, using 4 to 6 Beans to the hill. The plants should be cultivated often.

Burpee's Bush Lima. A true bush form, growing 18 to 20 inches high. An immense yielding variety, each bush being laden down with Large Limas of the most luscious flavor. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.85; 50 lbs., \$13.50.

Fordhook Bush Lima. The bushes are erect, and branching freely. The green beans are thick and meaty, four to the pod. Very tender, juicy and of fine flavor. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.60; 10 lbs., \$3.50.

Henderson's Bush Lima. A famous variety, grows in compact bush form and produces enormous yields of delicious Lima Beans. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.50.

New Improved Bush Lima. Similar to the Burpee's Bush Lima, except in size it is smaller. The sturdy bushes are loaded with large, well-filled pods. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.50.

Broad Windsor. An old-fashioned English shell bean. Dry beans very large and yellowish green. Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.



New Improved Bush Lima

POLE LIMA BEANS

One pound will plant 100 hills; 30 pounds will plant an acre.

By Parcel Post add Postage.

CULTURE—A warm, sandy loam, enriched with well-rotted stable or sheep manure is best. It must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, 2 inches deep.

St. L. S. Co.'s Genuine Butter. These beans have a creamy-white color, in large pods and are far more delicious than the ordinary Lima Bean. The vigorous vines with plenty of pods will supply you with the most delicious Butter Beans. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.50.

King of the Garden. The true "King" of the Limas. Stronger and more productive than any of the large White Limas and is the favorite of the market gardeners on account of its long, well-filled pods. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

Extra Early Jersey. Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.60.



King of the Garden



Early Wonder

Crosby's Egyptian (Selected). The roots are flattened globe shaped and very smooth. The exterior color of the root is bright red. The flesh of our strain is bright vermilion-red, zoned with a lighter shade, very sweet, tender and of excellent quality. This is one of the best for early planting outdoors and is much used for bunching. It is the favorite of the market gardeners. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00; 25 lbs., \$22.50.

Detroit Dark Red (Selected). We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. The tops are small and upright in growth. The leaves are dark green, shaded with red. The roots are medium sized, globular or nearly round, very smooth and of dark blood-red color. The flesh is deep vermilion-red. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00; 25 lbs., \$22.50.

Improved Crimson Globe. A handsome variety of medium size and entirely free from rootlets, as its name implies, it is a perfect globe-shaped Beet. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c.

Edmand's Blood Turnip. A desirable second early market beet, suitable also for the home garden. Roots nearly round; color dark red; crisp, tender, sweet and an excellent keeper. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c.

Half Long Dark Blood. A standard late variety of very good quality which keeps well through the winter. The roots are smooth, rather slender. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c.

We deliver free in the U. S. all vegetable and flower seeds by the packet, ounce or quarter pound.

BEETS

One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.

CULTURE—Seed should be sown the first part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. When seedlings appear about 3 inches above ground, thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs.

Extra Early Egyptian Blood Turnip. This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops. The leaves are dark green, shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom. A popular market garden sort. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.

Early Wonder. (Selected.) This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, small-sized top and small clean tap-root. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety; valuable for market garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00; 25 lbs., \$22.50.



Detroit Dark Red

BEET SPINACH OR SWISS CHARD

CULTURE—Same as for beets; transplant 12 inches apart in rows 18 inches apart. Sow seeds in the Spring, as for common beets. Grown for its leaves only; one of the best early green. Cook the leaves as you do spinach and the stems in cream as asparagus. Leaves grow to enormous size, 20 inches to 2 feet in length.

Swiss Chard (Sea Kale Beet). This kind of beet is grown exclusively for the numerous, fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. Later in the season the wax-like leaf stems are cooked like asparagus or are pickled. This variety we offer has large, broad, undulated leaves of attractive yellowish green color. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 75c.

Lucullus. A delicious variety having pale green leaves which are remarkably crimped and curled, like savoy cabbage. The stiff ribbed chards are white and broad, but not so broad as the common variety, although equally fine in flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 75c.

BROCCOLI

Closely allied to the Cauliflower. It is generally considered rather more hardy. In growing Broccoli, a seed-bed should be prepared and the seed sown in May. The plants will be ready to transplant late in June or early in July, and should be set in very rich mellow ground, in rows about 2½ feet apart, leaving 18 inches between the plants.

Italian Green Sprouting. This is a distinct variety grown by Italian market-gardeners for Italian trade only. The plant forms a large solid head which remains green. After this head is cut out, a number of sprouts develop from the leaf-axes, each sprout terminating in a small head about one inch in diameter. Bunched and sold as a second crop. Sow seed in frames early in spring and market in June and July. Pkt., 15c; ½ oz., 50c; 1 oz., 90c; ¼ lb., \$3.25; 1 lb., \$12.00.



Swiss Chard

BEET-MANGEL OR MANGEL WURZEL

For stock feeding.

The Mangel Wurzel, also called Mangel, Cattle Beet and Field Beet, may be grown in almost any soil, but deep loams are necessary for heavy yields of the long varieties. When well grown the roots give an immense yield of very valuable food for stock. Plant early in spring in drills two to two and one-half feet apart, and about one inch apart in the row. When about three inches high begin thinning and continue at intervals until the roots stand about ten inches apart.

Golden Tankard. The tops are comparatively small, with the leaf stalks and veins distinctly tinged with yellow. The neck is small. The roots are large, ovoid, but with bottom usually of larger diameter than top, light gray above ground, deep orange below. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Klein Wanzleben (Sugar Beet). This variety is without question the best in cultivation. Not the largest in size, but the richest in saccharine. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Giant Half Sugar Mangel. Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts but also having higher nutritive value, being especially rich in sugar. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Improved Mammoth Long Red. The roots are very large, uniformly straight and well formed and comparatively thicker than the common sort. The flesh is white tinged with rose. This strain under careful culture is enormously productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 25 lbs., \$15.00.



BRUSSELS SPROUTS

Brussels Sprouts are highly esteemed for boiling during the late fall and winter months. The sprouts resemble miniature cabbages, growing closely on the stalk of the plant, and are produced in abundance from tip to ground level.

Seeds should be sown in drills early in June. When the young plants are 6 inches tall, they should be transplanted to rich soil, setting them in rows 3 feet apart.

Roseberry. The choicest variety obtainable and highly valued on account of its strong, robust growth and remarkable juicy, tender heads. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

Borage. See Herbs, Page 20.

CABBAGE (Price Postpaid)

One ounce will produce about 2,000 plants; $\frac{1}{4}$ pound seed in beds will produce plants for 1 acre

CULTURE—Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows.; the later sorts $2\frac{1}{2}$ feet each way. To be well-grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us, and we offer it as being of superior quality.



New Golden Acre

Copenhagen Market. This is without doubt the best early round-headed cabbage and that its wonderful merits are appreciated is demonstrated by the large plantings made of this variety. The type is thoroughly fixed and the heads maturing at the same time, which makes it so popular and the great favorite of the market gardener. It is a vigorous grower and yielder and an excellent keeper. The leaves are of a light green color and tightly folded together in a remarkably solid and compact form. The heads average 5 pounds in weight, are solid and firm. Don't experiment with a cheap strain of this famous variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; 1 lb., \$5.00.



Copenhagen Market

Golden Acre. A very fine new sort from Denmark. It is very uniform, almost every head could be cut at the same time. Golden acre matures quicker than any variety known. The head is of medium size, quite round, and is surrounded by a few small outer leaves. On account of its hardness it will stand in the field for a month or more without bursting and can be shipped long distances and arrive in excellent condition. Don't fail to give Golden Acre a trial. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c; $\frac{1}{4}$ lb., \$1.75; 1 lb., \$6.00.

Early Jersey Wakefield. Many market gardeners consider this the very best early variety. Grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape having a blunted or rounded peak. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$3.00.



Charleston Wakefield

Large Charleston Wakefield. A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows larger heads, often averaging 8 to 10 pounds. Very solid and of fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$3.00.

Henderson's Early Summer. This is one of the best of the large, early cabbages and is exceedingly valuable to the home or market gardener. The heads are larger than the Wakefield type and only a few days later. Pkt., 10c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

Glory of Enkhuizen. This second early variety is very sure heading and of excellent quality. The plants are of vigorous growth, with large rather spreading outer leaves which are noticeably curved and frilled. The heads are globular or very nearly round, very solid and of large size for so early a variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; 1 lb., \$5.00.

CABBAGE—Continued

Prices Postpaid

Improved Brunswick. Ours is the true short stem type. Good for early and late crops, and attains an extraordinarily large size. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

All Season or Surehead. The name best describes this variety as it is sure-headed of the flat Dutch type of heads and a first class main crop. The heads are very large, extremely hard and solid. This certainly is the great all-the-year-round cabbage. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

Superior Late Flat Dutch. We recommend this sort for markets that require a very large and deep head. The plants are large, fairly compact but distinctly vigorous with medium length stem and large outer leaves, which are upright in growth and moderately waved. The heads are uniformly large. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

American King. Mammoth solid heads, weighing from 8 to 12 pounds. Its chief points of merit are its absolute reliability of a sure crop, its uniformly large size of head, its great drought and worm-resisting qualities. A distinct feature of our American King is the small number and small size of the ribs. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

St. Louis Late Market. This strain is the result of much care on our part to develop and maintain the good qualities which have made this sort so popular. The plants are very hardy, comparatively slow growing but very sure heading; stem rather short. The plants are exceptionally vigorous, with very large, broad, spreading outer leaves which are moderately smooth or very slightly waved and slightly blistered. This is considered by many as the standard, very large late cabbage for home garden and market. It is an excellent keeper. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.00.



St. Louis Late Market

Hollander or Danish Ball Head. Very hardy, sure heading, very solid, of good quality and as one of the very best keepers this is particularly desirable for distant markets or for late spring use. The leaves are distinctly upright in growth, few but rather large, long and narrow, thick, smooth, bluish green covered with whitish bloom. The heads are medium sized, round, exceptionally solid and stand shipment better than any other late sort. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.40; 1 lb., \$5.00.

RED CABBAGE

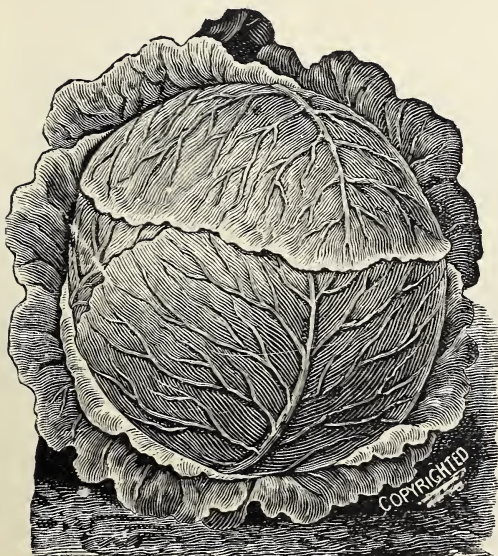
Early Red Erfurt. This is a favorite variety with those who like Red Cabbage. The heads grow medium size and are practically ball-shaped. They are as solid as a rock and of an intense deep red color. The quality is superb, with tender, juicy leaves. Pkt., 10c; ½ oz., 30c; oz., 50c.

Mammoth Rock Red. The largest and surest heading red cabbage. The plants are large and vigorous with medium length stem and spreading outer leaves which are dark green with red veining. The heads are late maturing, large, round, very solid and of very attractive deep red color. Pkt., 10c; ½ oz., 30c; oz., 50c.

SAVOY OR CURLED CABBAGE

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Pkt., 10c; ½ oz., 30c; oz., 50c.

Perfection Late Savoy. The best of the main crop and late Savoys for home use or market. The plants are vigorous, of medium size, with rather short stem, and are very sure heading. The heads are large, neatly round, fairly solid, sweet and tender. Pkt., 10c; ½ oz., 30c; oz., 50c.



American King

Cabbage plant see page 37.

ST. L. S. CO.'S SELECTED CAULIFLOWER

One ounce of seed will produce from 3,000 to 4,000 plants.

Cauliflower, although one of the most delicious vegetables, is but little grown except by professional gardeners because of the erroneous notion that it is so difficult to grow that only skilled gardeners can produce it. Any one will be reasonably sure of success with this most desirable vegetable if the cultural directions given below are carefully followed.

For spring and early summer crop, sow in February or early in March in hotbed. If soil is not too wet, seed should be thoroughly pressed into the ground after sowing. This insures quick germination. Cover seed with one-half inch of fine soil firmly pressed down. Transplant to cold frame when sufficiently large to handle. As soon as danger of hard freezing is over set in the open ground in rows two and one-half to three feet apart and eighteen inches apart in the row. The plants will endure a slight frost. The soil for cauliflower should be like that for cabbage, but it is better if made richer than is ordinarily used for that crop.

INTRODUCING

A NEW AND SUPERIOR CAULIFLOWER

St. Louis Seed Co. Super Snowball

THIS SNOWBALL is healthier and more vigorous than any of the old stocks. It is strongly resistant to adverse weather conditions, as well as diseases. It yields a higher grade product under contrary conditions than the old stocks.

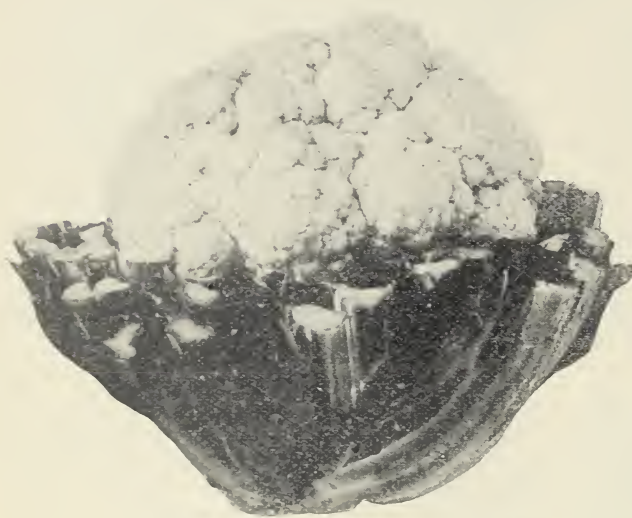
THE HEAD is perfectly protected by leaves until it reaches a size of five inches in diameter, when only it needs to be tied up; and then, if growing conditions be favorable, the head will attain marketable size in a few days' time. If left standing the head will soon attain a size of ten inches across.

THE CROP matures with such uniformity that the entire acreage is cut when half or more of the crop of the other stocks is still standing. It may be harvested completely after only four months from the time the seed is sown.

THE HEAD is exceptionally high, with the curds standing out in high relief; and it is pure white.

Pkt., 20c; $\frac{1}{4}$ oz., \$1.25; 1 oz., \$3.75;

$\frac{1}{4}$ lb., \$12.00; 1 lb., \$45.00.



St. Louis Seed Co.'s Super Snowball

CAULIFLOWER STANDARD SORTS

St. L. S. Co.'s Early Perfection Erfurt Forcing. In this we have a strain that comprises all the fine points in Cauliflower. It is gorgeous beyond description, snowlike in color and its growth of the compact form that will delight the grower. For an early forcing variety it cannot be equalled and it is worthy of a trial. Pkt., 15c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.50; 1 oz., \$2.50.

Early Snowball. Unquestionably the earliest maturing strain of the true short leaved Snowball type of cauliflower. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for these purposes, also one of the best sorts for late summer and fall crop. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, compact, round, very white. Pkt., 15c; $\frac{1}{4}$ oz., 65c; 1 oz., \$2.00; $\frac{1}{4}$ lb., \$7.50; 1 lb., \$28.00.

Extra Early Dwarf Erfurt. Extra select. It is of dwarf habit with short outside leaves and is similar in most respects to Early Snowball and nearly as early. The curd is white, exceptionally deep and of finest quality. It will give excellent results either in the home garden or for market use. Pkt., 15c; $\frac{1}{4}$ oz., 65; 1 oz., \$2.00; $\frac{1}{4}$ lb., \$7.50; 1 lb., \$28.00.



St. L. S. Co.'s Earliest Dwarf, Erfurt, Extra Select

CARROT

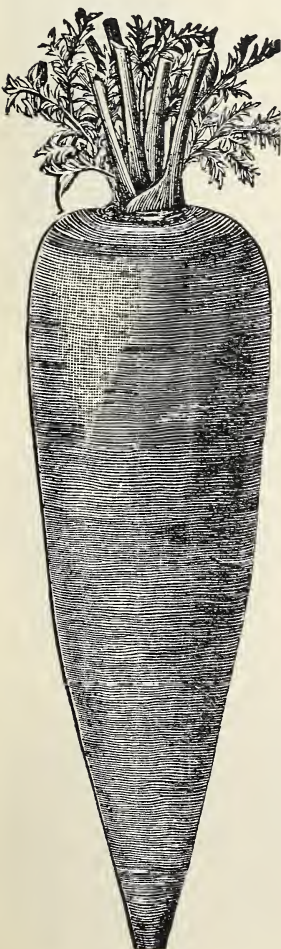
One ounce will sow 100 feet of drill

All Postpaid

CULTURE—April is the time to sow for early use. Sow seeds in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May, same distance apart as above but cover seed a little deeper as sun is stronger. Perfect specimens require a fine pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by a few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well-enriched sandy soil deeply tilled, and if plowed the Fall before, so much the better.

Guerande or Ox Heart. Especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. The tops are comparatively small. The mature roots are four and one-half to five inches long, very thick, ending abruptly in a small tap root. The flesh is bright orange, fine grained and sweet. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.00.**



Danvers



Early Half Long Chantenay

Early Half-Long Scarlet Chantenay. Extra fine. This extensively used, half-long early variety has small tops and is excellent for the market or home garden. The roots are cylindrical, smooth and of a bright orange color. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium sized sorts. The mature roots are usually five to six inches long. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00.**

Danver's Half-Long. (Selected.) For a general crop Danver's Half-Long Carrot stands supreme; a half-long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. It is a desirable second early carrot for the home garden and is also suitable for field culture. The tops are of medium size. The mature roots are of medium length, six to eight inches long, tapering uniformly to a blunt point. The flesh is deep orange, tender and of good quality. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00.**

Improved Rubican Stump-Rooted. It is a truly magnificent carrot of a rich orange shade and a most excellent flavor. As a carrot of all uses, it stands alone on account of its extreme sweetness and its enormous yielding properties. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., 90c; 5 lbs., \$4.00.**

Frankfurt. A most excellent, medium early, half-long variety. It is one of the best in quality for the market and home garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium sized with small neck. The mature roots are thick, seven to eight inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10; 5 lbs., \$5.00.**

St. Valery. The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large. This intermediate to late maturing sort is suitable for table use as well as stock feeding. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., 75c.**

CELERY or CHINESE CABBAGE

Wong Bok. The strain we offer resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market. The leaves when young are crimped, of light green color and appear like smooth leaved mustard but with much broader and heavier midribs. The plant as it matures becomes more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It is of distinctive flavor, very mild and pleasant. It is served as a salad like lettuce or of cooked like asparagus. **Pkt., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.**

CHICORY

Witloof Chicory. In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 to 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves up to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart.

Witloof. Is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. This is the best variety of Chicory. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.**

Large Rooted. The finest flavored and hardest growing variety. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

CARDOON

Large Spanish. Main stalks are blanched like celery; used for salads or in soups. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.**

COLLARDS

A great favorite in the South where they are used extensively for "greens." Culture similar to cabbage.

Georgia or Southern. The standard variety for productiveness. **Pkt., 5c; oz., 15c; ¼ lb., 50c.**

CELERY

One ounce will produce about 3,000 plants. Price Postpaid.

CULTURE—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row. Keep down all weeds, and as Fall approaches, draw earth up to the plants, keeping the stalks well together.

Golden Plume. This new strain of Celery closely resembles the old Golden Self-blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures rather earlier and shows less tendency to blight or crown-rot. It shows the large full-plumed center so much desired. Golden Plume is rapidly displacing Golden Self-blanching as it produces more marketable Celery and is first on the market. **Pkt., 10c; ½ oz., 40c; 1 oz., 75c; ¼ lb., \$2.75; 1 lb., \$10.00.**

Golden Self-Blanching. The heart is rich golden yellow with light yellowish green outer leaves. The ribs are thick and broad and the hearts large and solid. Its crispness and delightful flavor has endeared it to all who plant it. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.**

Sanford's Easy Blanching. The stalks are of medium height and stocky in growth, and the easiness with which they are blanched and its keeping qualities has made it a universal favorite. Our seed was grown from highly selected, extra fine stock. **Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.**

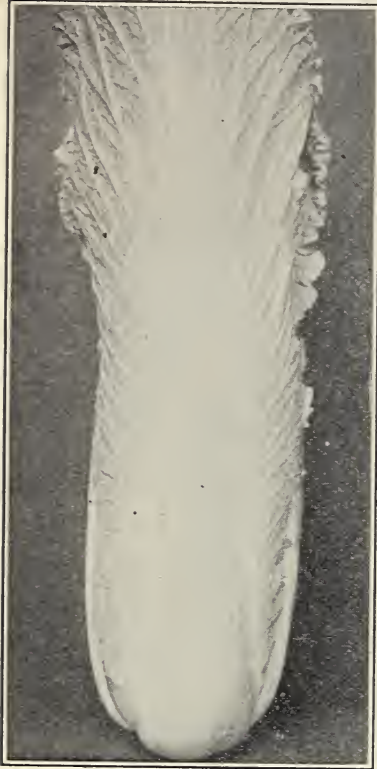
White Plume. Valuable for Fall or early Winter use, very widely known for its remarkable vigor and is a truly beautiful type with stalks creamy white, crisp and delicious. **Pkt., 10c; oz., 35c; ¼ lb., \$1.00.**

Curled Celery. This variety is a great favorite of the gardeners for cuttings and bunching. Its use for flavoring has made it very valuable and should be grown on that account. For use in soups, etc., it is unexcelled. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.**

CELERIAC

(Turnip Rooted Celery)

Giant Prague. This celebrated variety is the largest, smoothest and best strain of celeriac that can be obtained. Owing to its fine flavor it should be more widely grown than it is as it is fine for flavoring soups and salads or boiled like turnips and parsnips. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**



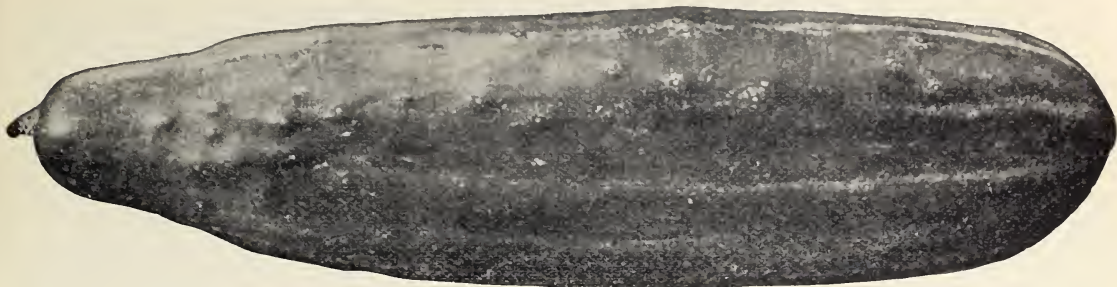
Wong Bok



Witloof Chicory



Golden Plume



St. L. S. Co.'s Improved Green Hybrid

CUCUMBER

By Parcel Post add Postage lb. rates.

One ounce will plant 50 hills; 2 pounds will plant an acre in hills, 5 pounds in drills.

CULTURE—The first planting should be made in May in hotbeds; inverted sods form an excellent medium for both planting on and carrying the younger plants to their permanent location, small paper pots can also be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks.

The striped cucumber beetle is often very destructive to young plants. These beetles, when not very numerous, are usually kept from doing serious damage by dusting the plants with slug shot.

Rice Perfection. This is a dark green, medium sized cucumber of the white spine class. The fruits are seven to eight inches long, cylindrical in shape, and a fine glossy green in color. They retain their fine color for a remarkably long time and on that account are very well adapted for shipping. The young fruits are desirable for small pickles. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$6.25.

St. L. S. Co.'s Improved Green Hybrid. In our "Improved Green Hybrid" we offer the perfect cucumber, an extra early species of a most remarkable quality as well as appearance. For slicing it is superb. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.75.

Arlington Improved White Spine. One of the best sorts for table use. The vines are vigorous, fruiting early and abundantly. The fruits are uniformly straight, dark green, fairly well covered with white spines and when mature are usually about seven inches in length. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Davis Perfect. A very fine cucumber for market as well as the home garden. Fine length, beautiful dark green color. Fruits eight to ten inches long, tapering at both ends, solid flesh, few seeds. It is one of the most popular among extra long white spine cucumbers. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.75.

London Long Green. The fruits are very long, often twelve to fifteen inches when mature, pure yellow when ripe. The large warts and spines are well

distributed over the surface instead of being clustered at one end as in inferior stocks. It is a standard sort for slicing and is very largely used for pickles. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75.

Early White Spine. This truly is the peerless cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed for the table or market. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Extra Long or Evergreen White Spine. The fruits of this very desirable table sort are long, cylindrical, very dark green, with very white, crisp and tender flesh. The mature fruits are about eight to ten inches in length. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.75.

Snow's Pickling. An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many growers who want an ideal bottle pickle. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 10 lbs., \$11.00.

Jersey Pickling. This variety is between the Long and the Short Green, forming a long, slender, cylindrical deep green pickle which is very crisp and tender. The vines are very vigorous and productive. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Early Green Cluster. An early and very productive variety. The vines are hardy and very vigorous, bearing fruits in clusters of two or three. The fruits are short, thick bright green. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Gherkin or Burr. An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many growers who want an ideal bottle pickle. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Japanese Climbing. Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.



Corn Salad

CORN SALAD OR FETTICUS

One ounce will sow about 100 feet of drill.

Sow the seed in early spring at the time of the first sowing of lettuce and make successive plantings as often as desired. For very early salads, sow in the Fall and by protecting the plants during the winter month with leaves and straw, it can be gathered very early in the spring.

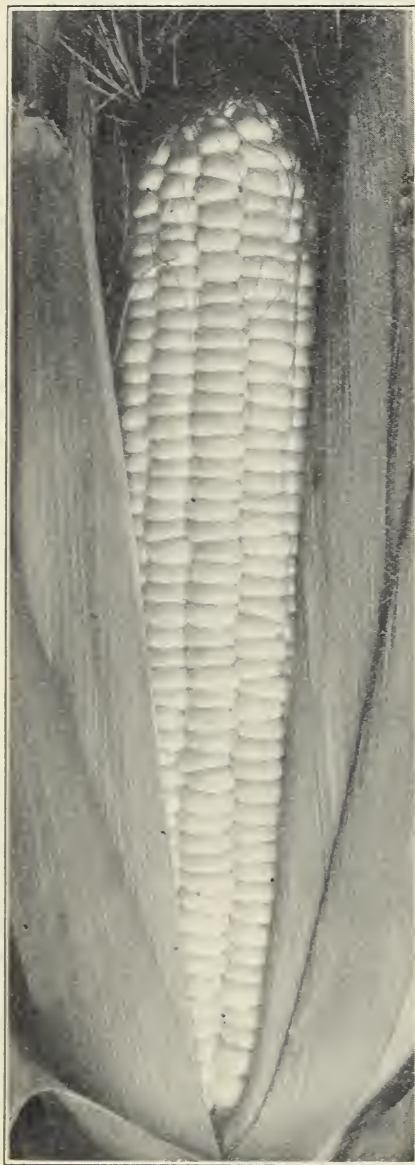
Large Leaved. The hardiest, earliest and most appetizing variety grown. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

CORN, SWEET OR SUGAR

(By parcel post, add postage at 1 lb. rate.)

One pound of seed will plant about 100 hills; 20 to 25 pounds, an acre in hills.

A rich, warm soil is the best, but excellent sweet corn can be raised on any good, ordinary soil, if it is deeply and thoroughly worked before planting. In the north sweet corn may be planted as early as can be done without risking great loss from frosts or from rotting of the seed in the soil, but with the main crop varieties especially, it is well to wait until the ground has become warm as the sweeter varieties are more sensitive to cold and wet than field corn or varieties of inferior quality. If planted in rows, make the rows three to four feet apart, according to the vigor and growth of the variety, and place the seeds twelve to sixteen inches apart in the row, covering one inch deep with fine soil firmly pressed down. If planted in hills, make the hills for the early varieties three feet apart each way and plant four to six kernels to the hill. For the later sorts the hills should be three and one-half to four feet apart each way. Hoe frequently and when six inches high thin so as to leave three or four plants in the hill. Give frequent and thorough but shallow cultivation until the tassels appear.



Bantam Evergreen

Our Sweet Corn is thoroughly tested before it leaves our hands. At the following prices on Corn—packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

Golden Sunshine. A very early sweet corn with golden yellow grain, very tender and of excellent quality. Golden Sunshine fills a long felt want for a Golden Bantam type which will come on the market earlier than that variety. The plant growth is more dwarf and the ears closer to the ground. The ears are the same size as Bantam but 12-rowed instead of 8, of equally good color and with a high quality grain. The flavor is exceptionally rich and delicious. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 10 lbs., \$2.50; 100 lbs., \$20.00.

Bantam Evergreen. A Yellow Sweet Corn noted for its excellent qualities; much larger than Golden Bantam and claimed to be more productive, it is also claimed to be considerably earlier; a splendid variety for mild and late season planting. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 100 lbs., \$16.00.

Early Evergreen. Has proven its merit as the best evergreen strain that is distinctly earlier than Stowell's. The ears of the Early Evergreen are about seven to seven and one-half inches long with fourteen to twenty more or less irregular rows with very deep, white grain of the very best quality. Stalks about six and one-half to seven feet high. A very desirable main crop variety for home garden and market. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$1.75; 100 lbs., \$14.00.

Whipple's Early. A very early variety, with deep grain similar to Stowell's Evergreen. Ears are blocky in form, with 16 to 20 rows of deep grain of excellent quality. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 100 lbs., \$15.00.

Golden Bantam. The ears are eight rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. The stalks are four to five feet high. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 100 lbs., \$16.00.

Extra Early Adams. Very early and used extensively for a first early table corn in the south. The stalks are about four feet high, with small tassel, very few leaves, and without suckers. The ears are short, very full, twelve or fourteen rowed. This is an extremely hardy variety which can be grown closer together than most sorts. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 10 lbs., \$1.50; 100 lbs., \$13.00.

Early Adams. The ears are about eight inches long, twelve or fourteen rowed. The kernels are white, rounded, somewhat deeper than broad. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 10 lbs., \$1.50; 100 lbs., \$12.00.

SWEET OR SUGAR—Continued

(By Parcel Post add Postage, 1 lb. rate)

Mammoth White Cory. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., \$1.75; 100 lbs., \$15.00.

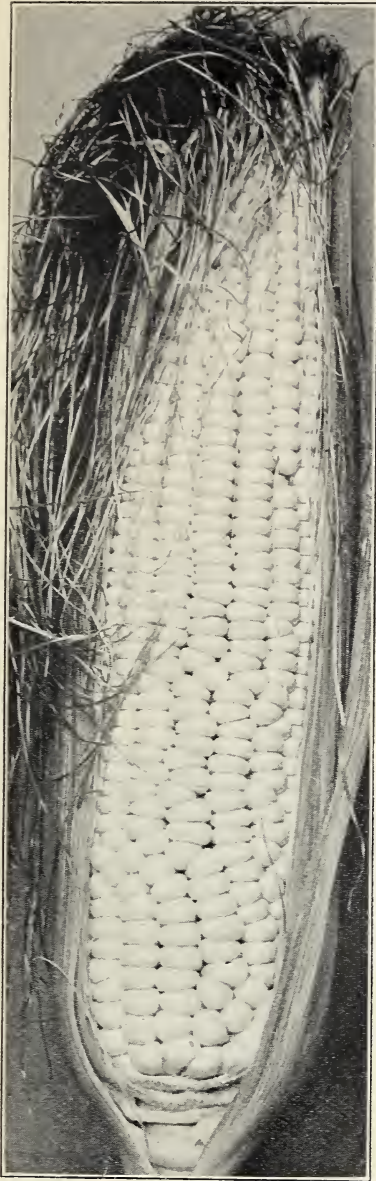
GENERAL CROP AND LATE

Howling Mob. The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., \$1.75; 100 lbs., \$14.00.

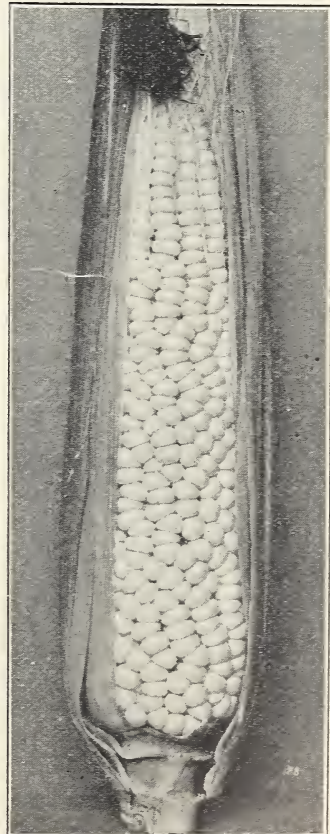
Stowell's Evergreen. The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best known of all late sorts. The ears about ten to twelve inches long, fourteen to twenty rowed, with very white grain. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., \$1.75; 100 lbs., \$14.00.

Country Gentleman. This variety has a small white cob, densely covered with irregular rows of very long, slender, white grains of excellent quality. The ears are 7 to 9 inches long. The stalks are from 6 $\frac{1}{2}$ to 7 feet high. It is well adapted for canning as well as the home garden and market. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., \$2.00; 100 lbs., \$16.00.

White Evergreen. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well-filled. When in the green state both cob and kernel are white as snow. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., \$1.75; 100 lbs., \$14.00.



Stowell's Evergreen



Country Gentleman

POP CORN

Japanese Hulless. Also known in some sections as Japanese Rice. The Japanese Hulless is a dwarf-growing corn, a heavy yielder of attractive ears peculiar in form, being nearly as thick as long. The kernels are similar to the best strains of White Rice, only longer and slimmer and pearly white in color, but its crowning merit lies in its popping quality, fine flavor and absence of hull or shell. Pkt., 10c; 1 lb., 25c; 10 lbs., \$2.00.



Cress

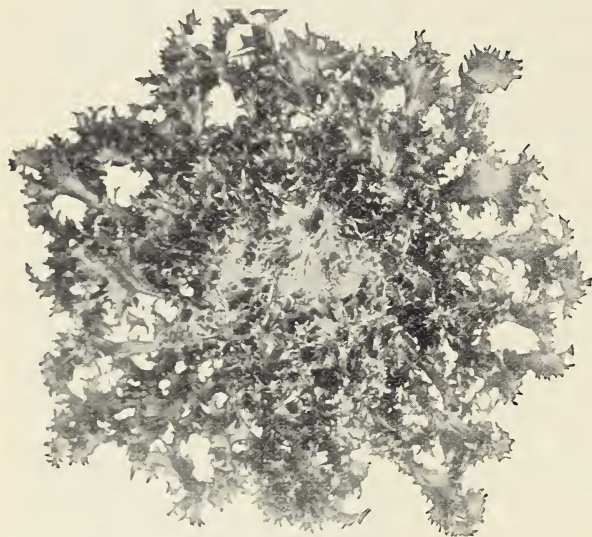
CRESS

One ounce of cress will sow two hundred feet of row.

As early in spring as the ground can be worked sow the seed in rich, well prepared soil, in shallow drills, about sixteen inches apart, covering with about one-half inch of fine soil firmly pressed down. When the young plants are well started thin four to six inches apart in the row. For succession plant every two weeks, thinning out as required for use. Keep off insects by dusting with Hammond's slug shot.

Curled or Pepper Grass. The leaves of this small salad are much frilled or curled, and are used for garnishing. It is also desirable with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. The plant is of rapid growth, about one foot high. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.**

Water Cress. A very hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.**



Green Curled Endive

ENDIVE

One ounce of seed to 300 feet of row.

One of the best salads for fall and winter use. Endive is not only much used for salads and garnishing but is also desirable for greens and for flavoring soups and stews. Plants may be grown at any season of the year but are more generally used late in the fall. For early use sow about April 15th; for later supply sow in June or July in drills 14 to 20 inches apart and when well started thin the plants to one foot apart. When nearly full grown tie the outer leaves together over the center in order to blanch the heart of the plant.

Green Curled. Ornamental curled leaves of dark green color. Blanching white and crisp. This is the standard variety and most widely planted. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.**

White Curled. Leaves are not as tender as the green curled, but it is self-blanching and very attractive. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.**

Broad-Leaved or Escarolle. Broad, thick, ribs, with slightly wrinkled leaves. This is the best broad-leaved variety. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.**

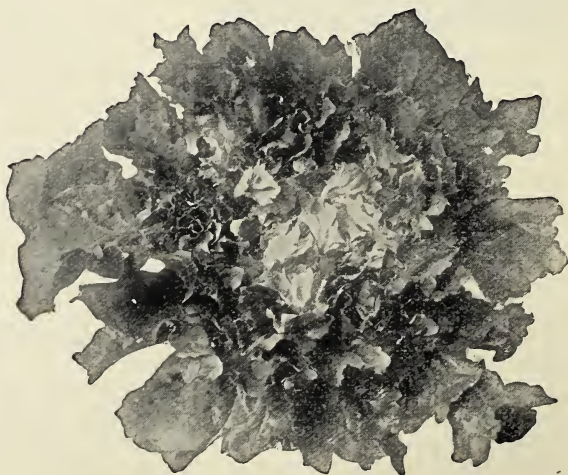
DILL

Dill Mammoth. An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, two to three feet high; leaves very much cut into thread-like segments. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.**

DANDELION

One ounce will sow 100 feet of row.

Use a clean, warm, rich soil. Sow in early spring in rows 18 inches apart, covering firmly with ½ inch of fine soil. When plants are well developed, thin or transplant to 10 or 12 inches apart. Leaves will be fit to cut the following spring. Leaves are best when blanched. This process removes to some extent the bitter taste without impairing the qualities which make them valuable greens. Blanching may be done by covering with leaves or loose litter, or by boarding them over. The leaves are used as salad or as boiled greens. **Pkt., 10c; oz., 75c; ¼ lb., \$2.50.**



Broad-Leaved or Escarolle

EGG PLANT

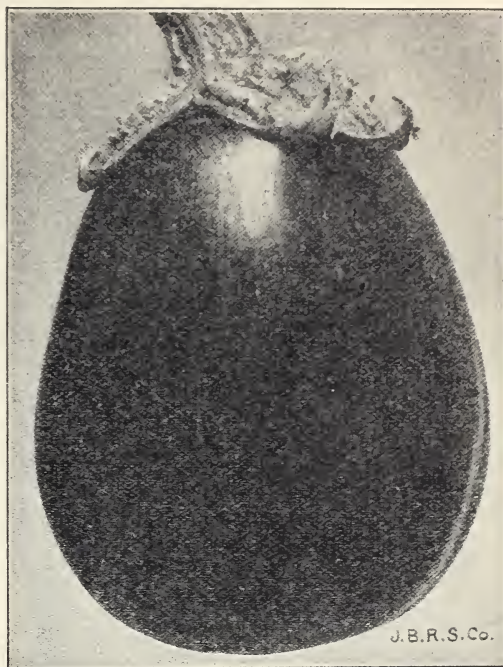
One ounce will produce about 1,000 plants; $\frac{1}{4}$ lb. will sow an acre. Any good garden soil will serve, but fertilizing will repay.

Start seed in greenhouse or hotbed in March. As the seed is slow to germinate, press soil firmly when covering. Be careful not to check growth by exposure. When plants are 2 inches high transplant to 3-inch pots. Set out in open ground about May 1, allowing $2\frac{1}{2}$ feet between plants each way. Hoe frequently, keeping the soil loose and fine. Cover soil with a mulch of straw 2 inches deep to preserve moisture during hot weather. Do best in warm weather.

St. L. S. Co.'s Improved Oval Spineless. The strong bushes are larger than Black Beauty and keep the "eggs" off the ground better. The large dark purplish black fruits are heavy at the base narrowing toward the top, being very early. Hardy and productive. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.

Black Beauty. The fruits are rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple but usually not quite as large. A very desirable sort for the market as the fruit holds its color a long time. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.

Early Long Purple. An early variety; dark purple fruit, six to eight inches long. This variety is a general favorite both for market and home garden. The plant is spineless, large and spreading with light green foliage. It usually produces four to six large, oval fruits of a splendid dark purple color. The vigor and productiveness of the plants and the large size, earliness and fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00.



J.B.R.S.Co.

St. L. S. Co.'s Imp. Oval Spineless Egg Plant

KALE

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

This is extensively grown, especially in the south during the fall, winter and spring. The leaves are used principally for greens. A favorite way is to cook them with bacon. The leaves are also used for garnishing.

Where climate permits seed may be sown any time from August to October, broadcast or preferably in drills 18 inches apart so that the plants when small may be cultivated. The quality is improved rather than injured by frosts if not too heavy. Farther north sow in April or May. The young shoots which start up in spring from the old stumps are very tender and make excellent greens.



Dwarf German Green Kale

Dwarf German for Spring. An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Dwarf German Green Home Grown (for Fall). Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Double Curled Scotch. Desirable for Winter and Spring greens. Leaves are curly like Parsley, tender and of very fine flavor. It is improved by frost. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Tall Scotch. This variety makes beautiful plants, 2 feet or more in height. Leaves are finely curled and very tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.



Kale Tall Scotch



Early White Vienna

London Flag. This well known broad leaved leek is hardy, productive, of good quality, and is extensively cultivated in this country. Pkt., 10c; oz., 15c; ¼ lb., 75c; 1 lb., \$2.25.

Large Rouen. Stems very thick but comparatively short. Leaves broad, covered with whitish bloom. This winter sort stands a long time in condition for use. Pkt., 10c; oz., 15c; ¼ lb., 75c; 1 lb., \$2.25.

KOHL-RABI

One ounce will sow about 200 feet of drill.

CULTURE—This is a very delicious vegetable. The edible part is the turnip-shaped bulb formed above ground. It is tender and excellent when used before fully grown, combining somewhat the flavors of cabbage and turnip. Seed should be sown in light, rich soil as early in spring as possible in rows one and one-half feet apart and when well established thin to six inches apart in the row. Plantings at intervals of ten days will give a succession until hot weather, when they fail to grow well. Plantings may be made the latter part of July for fall use.

Early White Vienna. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.25.

Early Purple Vienna. Differs from the early White Vienna in color only. Pkt., 10c; oz., 25c; ¼ lb., 90c.

LEEK

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

This belongs to the onion family and is a good fall and winter substitute for green onions. The leaves are flat, and the stems are very large, cylindrical and bulbous. Sow early in spring in drills twelve to fifteen inches apart, covering one-half inch deep. Thin plants to six inches apart in row and draw the earth about them when cultivating.

HERBS

SWEET, MEDICINAL AND POT HERBS

CULTURE—For early sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

The varieties marked in asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry, wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

Anise. An annual herb cultivated principally for its seeds which have a fragrant, agreeable smell and a pleasant taste. Pkt., 10c.

Basil Sweet. A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. Plant about eighteen inches high. Pkt., 10c.

Borage. A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor and are sometimes used in salads to give a cucumber-like taste. Plant of coarse growth, hairy. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Caraway. A well-known herb, cultivated for its seeds, which are used in confectionery, cakes, etc. Pkt., 10c.

***Catnip or Catmint.** Leaves for seasoning. Pkt., 10c.

Chervil, Curled. Largely used in soup. Pkt., 10c.

Coriander. A hardy annual cultivated for its seed which has an agreeable taste. Pkt., 10c.

Dill Mammoth. An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

***Fennel, Sweet.** A hardy perennial. The seeds of this aromatic herb have a pleasant taste. Pkt., 10c.

***Horehound.** A perennial herb with an aromatic odor and a bitter pungent taste. It is a tonic and enters largely into the composition of cough syrups and lozenges. Pkt., 10c.

***Lavender.** A hardy perennial, growing about two feet high. It is used for the distillation of lavender water or dried and used to perfume linen. Pkt., 10c.

***Marjoram, Sweet.** An aromatic herb for seasoning.

The young tender tops and leaves are used green in summer to flavor broths, dressings, etc., and are also dried for winter use. Pkt., 10c.

***Rosemary.** A hardy perennial, with fragrant odor and a warm bitter taste. The leaves are used for flavoring meats and soups, and for medicinal drinks. Pkt., 10c; oz., 25c.

***Sage.** One of the most extensively used herbs for seasoning. It is also believed to possess medicinal properties. Hardy perennial, about fifteen to eighteen inches high. Pkt., 10c.

Saffron. A hardy annual. Cultivated for its flowers which are used principally for coloring, sometimes for flavoring and to make the cosmetic powder called rouge. The flowers should be picked while in full bloom. Pkt., 10c.

***Sorrel (Broad-Leaved).** For boiling "greens" or salad. Cooks like spinach or with it, one-third Sorrel. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Savory, Summer. A hardy aromatic annual twelve to fifteen inches high, the dried stems, leaves and flowers of which are extensively used for seasoning. Pkt., 10c.

Tarragon (Estragon). For flavoring. The young leaves are used for pickles, vinegar, etc. Pkt., 10c.

***Thyme.** An aromatic perennial herb, eight to ten inches high, used principally for seasoning. Plant very branching with wiry foliage and small lilac flowers. Pkt., 10c.

***Woodruff.** Fragrant leaves and stems; used for putting among clothes. Pkt., 10c.

***Wormwood.** Used medicinally and in liquors; a good tonic for poultry. Pkt., 10c.

LETTUCE

One ounce will produce from 2,000 to 3,000 plants; 3 pounds will sow an acre.

Lettuce may be grown in every garden. Well-rotted stable manure should be well mixed in the soil. If this cannot be secured, use good commercial fertilizer, which should be raked in after digging. Sow seed as soon as ground can be worked, and thin out as desired. If for heading, leave plants 8 to 10 inches apart. If for cutting, they may be left much closer. Successive sowings may be made until about August 5. Constant cultivation is necessary.

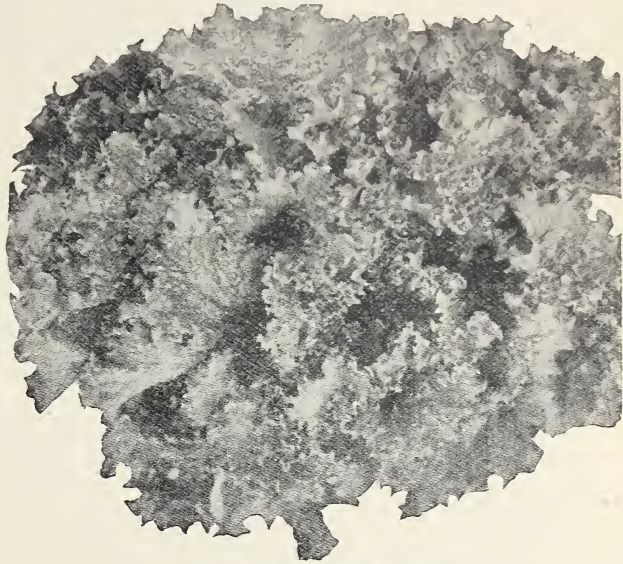
EARLY CURLED VARIETIES

Early Curled Simpson. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Black Seeded Simpson. Larger and lighter color than Early Curled Simpson. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Grand Rapids. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Prize Head. As its name implies, forms a very large, loose head, slightly tinged with brown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.



Grand Rapids Lettuce

FIVE BEST HEADING VARIETIES

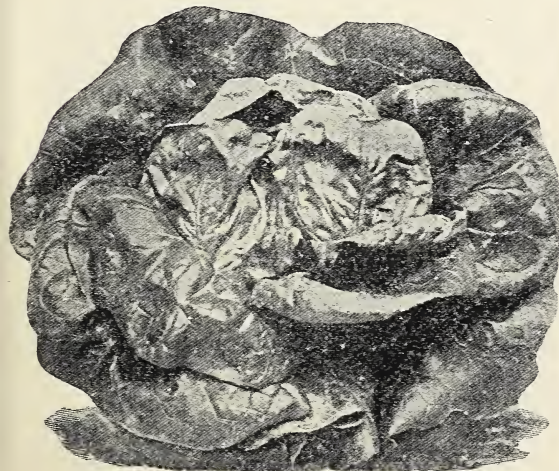
Mammoth Black Seeded Butter. A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Iceberg. A sure and hard-heading hot-weather variety. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender. Fine appearance and mild flavor. Use this during the hot summer months. This is quite commonly confused with New York, but is really distinct, being much lighter in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.

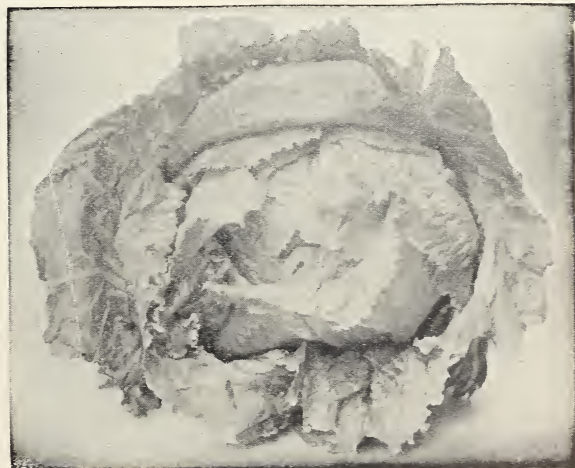
St. L. S. Co.'s Big Boston. This grand variety has proved to be valuable. Whether it is grown in the

open ground for Summer and Fall use, or in frames for Spring, it still produces the splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50; 5 lbs., \$7.00.

N. Y. Wonderful. This is a decidedly crisp, cabbage-heading variety. It is very large and robust growing, rooting deeply, resisting hot, dry weather, is very slow to run to seed, and is a sure header under most trying conditions. The solid heads often measure 15 inches across. The leaves are broad, fairly blistered, crumpled and twisted, thick, stiff and coarse in appearance and very flatly and tightly overlap one another. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.



St. Louis Market



Iceberg Lettuce



ST. L. S. CO.'S BIG MARKET GARDENER LETTUCE

A Grand Large Cabbage Lettuce—Early Spring or Fall.

This is the most extensively grown lettuce in the country either for market or private tables. For a time-tried and true Lettuce you will find the Market Gardener the finest lettuce that can be planted when you consider its many fine qualities. Whether grown in the open ground for early Spring or Fall use, or in frames for Spring, it invariably gives both the grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet, white and of the most exquisite flavor. Its handsome appearance with large outside leaves and its long-standing qualities without running to seed have made it the universal favorite. The best test is to visit some of the large growers in this vicinity and see the large areas of it; may be seen as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50; 5 lbs., \$7.00.

St. L. S. Co.'s Black Seeded Forcing. The favorite of gardeners who grow for the St. Louis market. Where there is always a big demand for this popular variety. Heads are of a medium size, well formed and compact, of excellent quality and fine appearance. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

St. L. S. Co.'s Summer. This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. It is a very large, robust-growing variety, and a sure header; forms a head in six weeks; at least ten days earlier than the Big Boston. May be sown all through the year and stands heat remarkably well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

St. L. S. Co.'s Imp Butter. This is one of the finest, the most brittle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head with but few outside leaves. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

St. Louis Market. A great favorite among the gardeners where its many good qualities insure for it a big market demand, with a good price for same. Its large heads of crisp, buttery flavor have made this variety the most popular market variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.00.

Hanson. In every respect an ideal lettuce. It never fails to make large, handsome heads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Hardy Green Winter. The standard Winter sort. Of delicious flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Trionon Cos (Romaine). Head tall and very thick, blunt at top. Leaves are very light green, crimped, broad-ribbed, and a long narrow spoon shape. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

MUSKMELON

(Seed by Parcel Post, $\frac{1}{2}$ lb. or over, add Postage at 1 lb. Rate.)

After danger of frost is past, the ground being warm and in good condition, plant in rich soil, preferably sandy loam, in hills about four to six feet apart according to the vigor of the variety. Put ten or twelve seeds in a hill, covering with about an inch of fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation, until the plants make runners so long that this is impracticable. Rich earth for the young plants is far better than manure, but if the latter must be used, see that it is well rotted and thoroughly mixed with the soil.

Banana. The flesh (the melon being nearly solid) is of a rich salmon. It grows from 20 to 28 inches in length and is very prolific. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Burrel Gem. The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

Colorado Queen. The best green-fleshed melon for shipping long distances. The illustration shows the shape. The netting is heavy, slightly covering the ribs. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

Hearts of Gold. This is an orange fleshed variety of medium size, ideal as a shipping melon and a desirable mid-season sort for the home garden. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and are uniformly of medium size. The netting is exceptionally fine and dense, extending over practically the entire surface. The rind is thin yet very firm, so that the melons arrive in perfect condition in distant markets. The flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.



Colorado Queen

Honey Ball. Is an outstanding new melon. Ball-shaped, and has delicious green meat. The skin is greenish white and slightly netted. Very prolific and of most delicious flavor. It is a cross between a Cantaloupe and a Honey Dew Melon. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Honey Dew. The skin when ripe is creamy yellow in color. Flesh light emerald green, fine grained and of very sweet, sugary flavor. Rind thin but very firm and the fruits stand shipping remarkably well. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Rocky Ford. A well-known, profitable market sort of the small basket-melon type. The vines are vigorous, producing an enormous quantity of fruits. The flesh is light green in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

Rocky Ford Pink Meat (Pollack No. 10-25). This muskmelon is considered the best of the salmon-fleshed Rocky Ford. The fruits are of great uniformity in size and shape, with well developed gray netting, closely laced and covering the entire surface. The rich salmon flesh is deep, very solid, of a luscious sweet flavor, and ripens clear to the rind. Its shipping qualities are excellent. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

St. Louis Market. By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

Tip-Top. The most productive muskmelon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Mango Melon or Vegetable Peach. Orange shaped, golden yellow flesh, for preserving makes splendid mangoes, stuffed like peppers. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c.

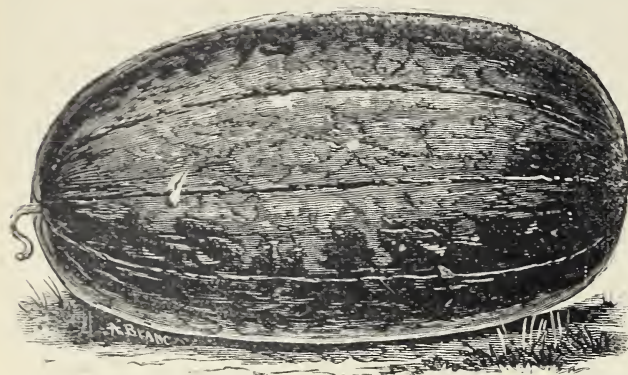


Rocky Ford Pink Meat (Pollack No. 10-25)

WATERMELON

By Parcel Post, 1 lb. or over, add Postage at the 1 lb. Rate.

CULTURE—Treat the same as Muskmelon, except that they should be planted 8 to 10 feet apart, according to variety.



Tom Watson

colored, very solid, with fewer seeds than most watermelons. This is rapidly gaining a well deserved popularity in the South where the fruits frequently attain a weight of 60 to 80 pounds. The rind is tough enough to stand handling for nearby markets but will not stand long distance shipping. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.**

Fordhook Early. A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Kleckly Sweets (Monte Cristo). Is especially recommended for its fine flavor—in this respect surpassing most all others. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.**

St. L. S. Co.'s Sweetheart. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Florida Favorite. Shape oblong with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Georgia Rattlesnake. One of the largest varieties, and stands shipping long distances. Fruits of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

McIver's Wonderful Sugar. This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Stone Mountain. A very large, medium dark green, round melon of excellent quality. Flesh highly

Tom Watson. A large, long melon similar in shape, color and splendid quality, averaging large in size and with a tough rind, making it especially adapted for shipping to distant markets. The flesh is rich red, sweet and tender. Seed white, more or less marked with brown. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.**

Irish Gray. A comparatively new variety that is becoming very popular as a shipping sort. Fruits long oval in shape and of light yellowish grey color. The rind is exceptionally hard and firm. The flesh is bright red, sweet, firm but free from any hard centers or stringiness. **Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.**

Citron. The fruits are medium sized, uniformly round and are used exclusively for preserves or pickles. The flesh is white and solid, but is not at all suitable for eating raw. Seed red. **Pkt., 5c; oz., 10c; ¼ lb., 25c.**



Irish Gray

MUSTARD

(One ounce will sow 40 feet of drill.)



Mustard is not only used as a condiment but the green leaves are used as a salad or cut and boiled like spinach. Sow as early in the spring as the ground will permit, in drills about eighteen inches apart, covering one-half inch deep. For succession, sow every few weeks till autumn. Water freely. In the south the seed may be sown in autumn and the plants used early in the spring as a salad and for greens.

Komatsuma (New). A new variety introduced in this country from Japan. It takes the place of Spinach as it remains tender even in dry weather. It is virtually an all season plant. The leaves are mostly used when young and by repeated plantings an abundant supply is available throughout the entire season. It is extremely resistant to cold weather so that early and late plantings are possible. Pkt., 10c; 1 oz., 25c; 4 oz., 75c; 1 lb., \$2.50.

Fordhook Curled. When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

Southern Giant Curled. The leaves are large, light green with tinge of yellow, much crimped and frilled at edges. The plant is upright or slightly spreading in growth. This variety is highly esteemed in the south for the market as well as the home garden on account of its vigorous growth, hardness and good quality. Seed small, reddish brown to nearly black. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

White or Yellow. The leaves are comparatively small and smooth deeply cut or divided and of medium dark green color. Seeds are used for pickling. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.

OKRA OR GUMBO

The young seed pods are used in soups, stews, catsup, etc. Highly esteemed in the south. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil firmly pressed down. When about three inches high, thin to about one foot apart in the row.

Perkins Mammoth Long Pod. In productiveness this Okra is simply wonderful. Pods of an intense green color. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Early Dwarf Green. An extra early maturing variety. Very productive. Plants are more dwarf in habit

MUSHROOM

Mushroom Culture Leaflet Mailed Free.
Ask for it when you order your Spawn.



We always have a fine, fresh supply of "Pure Culture" Spawn on hand, and you can depend on getting the kind of spawn that will produce large mushrooms. This spawn comes in bricks weighing about 18 to 20 ounces. A brick is sufficient to spawn ten square feet of bed. Be sure to mention the cultural leaflet when you order your spawn. Per brick, 25c; 5 bricks, \$1.00. If wanted by parcel post add 5 cents a brick for postage.

BOOK ON GROWING MUSHROOM.

Mushroom Culture. By Robinson. The best English book, cloth bound. \$1.00 postpaid.

Mushrooms. By W. Falconer. The best American book, cloth bound. \$1.50 postpaid.



Dwarf Green Okra

of growth than those of other varieties. Pods short, deep green. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

White Velvet. The plants are about three and one-half feet high, early maturing and very productive. The pods are white, long, smooth and are tender until nearly full sized. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

ONION

An ounce will sow 100 feet of drill. Four to five pounds to the acre for Large Onions

The Onion is one of the most extensively used of all vegetables. It not only contains considerable nutriment and has valuable Medicinal properties, but is most useful in counteracting the bad effects of sedentary life. The disagreeable odor it imparts to the breath may be avoided in a great measure by thorough cooking, or by eating a few leaves of parsley.

In onion culture, thorough preparation of the ground, careful sowing and the best of after culture, though essential for a full yield, will avail nothing unless seed of the best quality be used. Experience enables us to produce onion seed that is unsurpassed. The seed we offer is the best obtainable.

Although onions are often raised from sets and from division, by far the best and cheapest mode of production is from seed. The facility with which seed is sown and the superior bulbs it produces, recommend it for general use.

As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized and leveled, in rows twelve to fifteen inches apart, covering one-half inch deep. When the plants are well up, cultivate and keep free from weeds. The young plants may be thinned about one inch apart in the row. When grown for bunching, the rows can be made as close as ten inches.



Large Red Globe. This most excellent main crop Onion produces medium to large sized perfect globe-shaped bulbs with small neck; smooth and glossy, and of deep purplish red color, even darker than Large Red Wethersfield and without as much of the purple shade in the color. Flesh is white, tinged with light purple. One of the best keepers. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.25; 10 lbs., \$22.00.

Large Red Wethersfield. The bulbs are large and are flattened, yet quite thick. The skin is deep purplish red. The flesh is light purplish white, moderately fine grained, rather strong but of pleasant flavor. The variety is very productive, one of the best keepers and very popular for general cultivation. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00; 10 lbs., \$18.50.

Japanese, or Ebenezer. A very fine round, yellow onion that will keep all winter and is of mild, pleasant flavor. The seed is used principally for raising sets, which when set out the following spring produce large, handsome, ripe onions in July. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

White Bunching. The earliest and best shaped onion for early bunching; small bulbs, skin pearly white, flesh of good quality and flavor. Best when used as an early crop. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$3.00.

Ailsa Craig. The great English exhibition onion. It is globe-shape, slightly pointed at the top and base, color straw yellow. It grows to gigantic size. Specimens have been grown to weigh three pounds each. For best results seed should be sown under glass and transplanted six inches apart in the row where they are to grow. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50; 10 lbs., \$23.00.

Giant Yellow Prize Taker. A very handsome late or main crop Onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. Flesh is creamy white, very mild, and of fine flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25; 10 lbs., \$22.00.

White Globe. A most desirable medium early or main crop variety for the home garden. It is sometimes called Southport White Globe. The variety yields abundantly producing medium to large, handsome and finely shaped clear white bulbs. The flesh is firm, fine grained, quite mild in flavor and is more attractive than the colored sorts, when cooked. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$3.00; 10 lbs., \$27.50.

Mammoth Silver King (White Granus). One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early; flat, but thick through; tender and of very mild, sweet flavor; uniform in size and shape. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$3.00.

Philadelphia Silverskin. This is a medium sized onion of mild flavor and with beautiful, clear white skin. The variety is a favorite with many for use when young as a salad or bunching onion and for pickles. The bulbs are nearly round when of bunching size, somewhat flattened when mature. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50; 10 lbs., \$24.00.



ONION SETS

(By Parcel Post, add 5c a quart postage. Prices subject to change.)

The advisability of planting onion sets is recognized everywhere and if you want fine young green onions in short time.

Yellow Onion Sets. These, like the white and red, are for early setting in Spring. Fine for raising early big onions. Qt., 25c; gal., 90c; Bu., 32 lbs., \$2.50.

Red Onion Sets. Very widely used for setting in early Spring to produce green onions for the table, and also for large onions. Qt., 25c; gal., 90c; Bu., 32 lbs., \$2.50.

White Onion Sets. For setting in early Spring to produce green onions for the table, and also for large onions. Qt., 25c; gal., 90c; Bu., 32 lbs., \$3.00.



Curled Parsley

PARSLEY

One ounce will sow 150 feet of row; 3 pounds will sow an acre

This well known vegetable is very useful for flavoring soups and stews and for garnishing. The green leaves are used for flavoring or they may be dried crisp, rubbed to powder and kept in bottles until needed. Parsley succeeds the best in rich, mellow soil. The seed is even slower than parsnip in germinating and should be sown down as early as possible in the spring, in drills one to two feet apart, covering not more than one-half inch with fine soil firmly pressed down. When the plants are well up thin eight to twelve inches apart in the row. When the plants of the curled varieties are about three inches high cut off all the leaves; the plant will then start a new growth of leaves which will be brighter and better curled and later, if these turn dull or brown they can be cut in the same way; every cutting will result in improvement. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

Double Curled. This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. The leaves are very finely cut and so closely crisped or curled as to resemble bunches of moss. Owing to its uniformly fine deep green color and very attractive foliage, this is one of the most popular sorts for both market and home garden. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Hamburg, or Rooted. The root is the edible portion of this variety and resembles the round parsnip both in color and shape. The flesh is white, a little dry and in flavor is similar to celeriac. The foliage is practically the same as that of Plain Parsley. The roots can be dug late in the fall and stored in sand for winter use. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Plain. The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves as well as its hardiness of plant. The curled sorts are more extensively used for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

PARSNIP

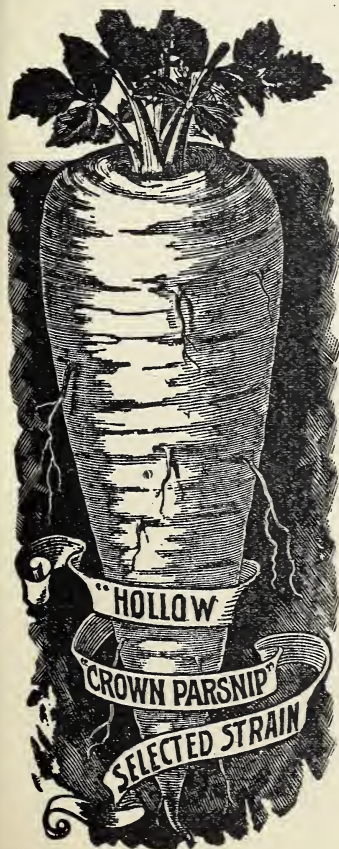
One ounce of seed for 200 ft. of row; 5 lbs. required for an acre

The value of the Parsnip as a culinary vegetable is well known, but it is not generally appreciated at its full value for stock feeding. On favorable soil it yields an immense crop of roots, more nutritious than turnips and very valuable for dairy stock. Parsnips are usually grown on deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow and uneven in growth, it should be sown as early as possible in drills two and one-half feet apart; cover one-half inch deep and press the soil firmly over the seed.

Hollow Crown. An excellent variety for the table. The roots are long with smooth white skin, uniform in shape, tender and of the best quality. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., 75c; 5 lbs., \$3.50.

PEANUTS

PLANTED in April, they ripen in summer, and planted as late as July 1st, they will mature full crops before frost. Lb., 25c; 5 lbs., \$1.00; add postage.



GARDEN PEAS

One to Two pounds will plant 100 feet of row; 120 pounds will plant an acre.

(Peas by Parcel Post, 1 lb. or over add Parcel Post at 1 lb. rate.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas, furthermore such soil is often the cause of early sorts maturing unevenly.

Sow as early as possible a few of some early variety in warm, quick soil, prepared the fall before, planting in double rows six to eight inches apart and two and one-half to four feet between the double rows. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in maturity. The peas will give quicker returns if covered only one inch deep and where earliness is most important they may be treated in that way.

The wrinkled varieties are more sensitive to cold wet weather than the smooth seeded sorts, but are of superior quality. All varieties growing more than one and one-half feet do better if staked up or brushed when four to six inches high.

SMOOTH-SEEDED EXTRA-EARLY VARIETIES

They can be sown in the spring, just as soon as the ground can be worked.

Alaska. A wonderfully productive small-podded and extremely early sort, grown on a very large scale throughout the United States for first crop. The vines, of a peculiar, distinctive, light green tinge, are 2½ to 3 feet high. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$1.85; 50 lbs., \$8.00.

St. L. S. Co.'s Extra Early. The vines are vigorous and hardy, of medium height, about two and one-half to three feet, bearing three to seven straight pods of good size. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 10 lbs., \$1.85; 50 lbs., \$8.00.

Mammoth Pod Ex. Early. This is without question the best extra early pea for market gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being smooth, it can be planted as early as any of the extra earlys. It is very prolific; pods of a rich dark green color. Height, three feet. Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 10 lbs., \$4.50.

EARLY VARIETIES (Wrinkled)

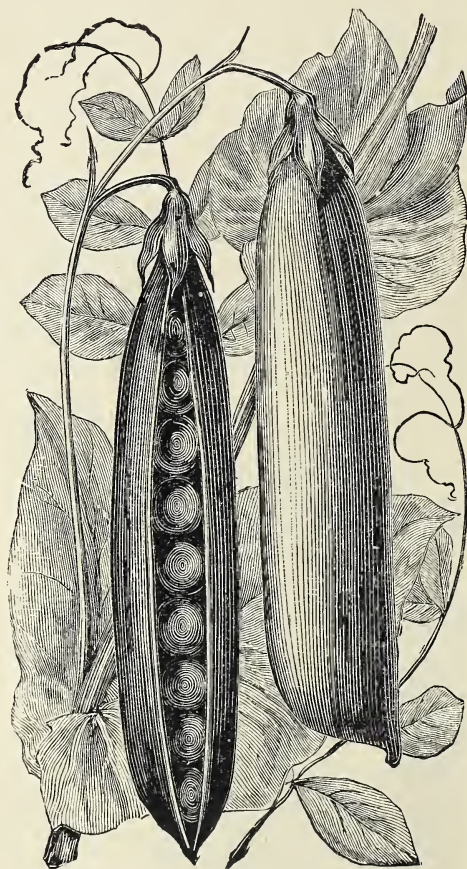
Daisy or Dwarf Telephone. One of the best medium early sorts; large pods, peas wrinkled and very sweet; height, 18 inches. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.25.

Gradus. A very early, wrinkled pea. The vines are similar in appearance to Telephone but of medium height, only about three and one-half feet. The pods are very large, four inches long, uniformly well shaped. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.00; 50 lbs., \$9.00.

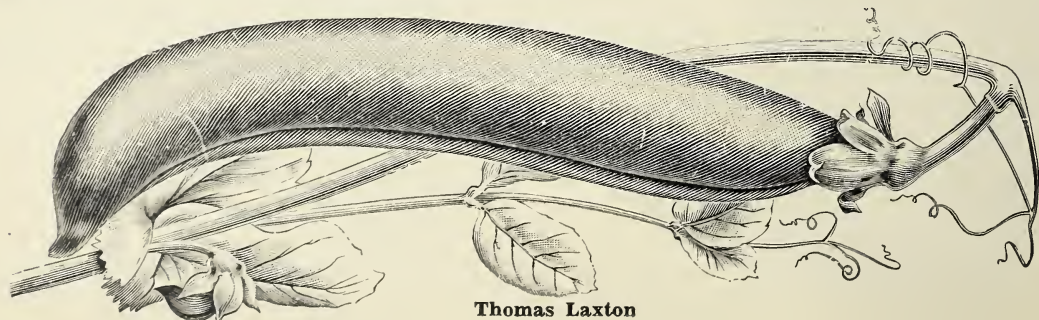
Laxtonian. The dwarf 18-inch vines are very vigorous, sturdy and productive; foliage dark green; productive very dark green, large, full pods 4 inches long, curving very slightly to the point. The quality is unsurpassed and crop matures slightly earlier than Gradus. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.25; 50 lbs., \$10.00.

Thomas Laxton. An exceptionally good, first-early wrinkled marrow Pea of great merit. Vines resemble Gradus, growing from 2½ to 3 feet high, but are somewhat lighter in color. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.00; 50 lbs., \$9.00.

American Wonder. The old popular favorite among all who grow Peas. In our American Wonder you have all the finest qualities that could be desired, for the small, dwarf-like bushes are so heavily laden with peas of the finest quality. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 10 lbs., \$2.00; 50 lbs., \$9.00.



Gradus



Thomas Laxton

PEAS—LATER VARIETIES—Continued

Suttons Excelsior. Plants about 18 inches high. The excellent quality of the peas, large size of the pods, heavy yielding properties and hardness have made it a great favorite among the gardeners. Peas are of dark green color, stout and heavy and contain from 7 to 9 peas of the most exquisite quality. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 10 lbs., \$2.00; 50 lbs., \$9.00.

Telegraph. This late Pea has a fine appearance, high quality and large-sized pod, vines are tall, vigorous, $4\frac{1}{4}$ feet high, with large, coarse, medium green leaves and produce an abundance of attractive dark green pods $4\frac{1}{2}$ inches long, straight, broad and pointed, filled with 8 large light green Peas which are tender, sugary sweet, and of an excellent flavor. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 10 lbs., \$2.00; 50 lbs., \$8.00.

PEAS, EDIBLE POD

Edible Pod Tall Melting Sugar. A foreign pea, little known in this country. A wonderful productive sort. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 10 lbs., \$2.50.

Edible Pod Dwarf Grey Sugar. Of a dwarf growth, a fine edible pod when young. Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 10 lbs., \$2.50.

PEPPER

One ounce will produce about 2,000 plants

CULTURE—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row. For prices on Pepper Plants see Page 37.



Pepper, Red Cayenne

Bell or Bull Nose. Early and of mild flavor. A favorite for pickling. Large bright red, thick flesh. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Crimson King. The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.60.

Chinese Giant. The compact plants are very prolific, setting 3 to 4 extra large fruits at the base quite early in the season. The fruit is quite square in appearance, while the flesh is thick and very mild. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 45c; $\frac{1}{4}$ lb., \$1.60; 1 lb., \$6.00.

Harris' Early Giant. This is the heavy yielder among the large peppers. It is also earlier than other large kinds. The plants are vigorous, 18 inches to 2 feet tall; and the peppers $3\frac{1}{2}$ by 5 inches. Color, deep green turning to red; flesh thick and very sweet. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.35; 1 lb., \$5.00.

Pimento. This very popular variety used extensively by the Spanish people in their Pimento salads. It is a thick-meated variety of mild flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Ruby King. One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

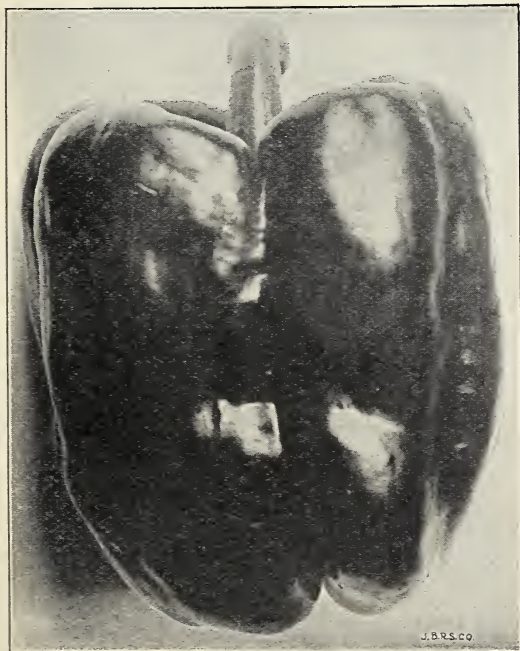
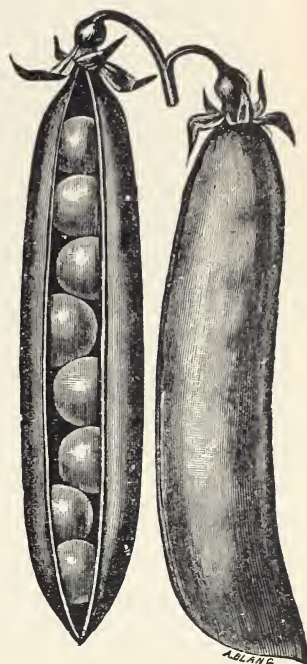
Sweet Mountain. Large in size and milder in flavor than Bell or Bull Nose. Very productive. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Long Red Cayenne. Of dwarf growth, bearing long pungent pods. Very productive. An ideal home variety. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Red Chili. Smaller and later than Cayenne. Extensively used for pepper sauce. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.

Red Cherry. The finest of the small round varieties. Excellent for pickling, sauce, etc. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.

Tabasco. This variety is used in manufacturing the well-known Tabasco Sauce. Pkt., 10c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.



Crimson King Pepper

NORTHERN GROWN SEED POTATOES

Prices are Subject to Change on all Potatoes.

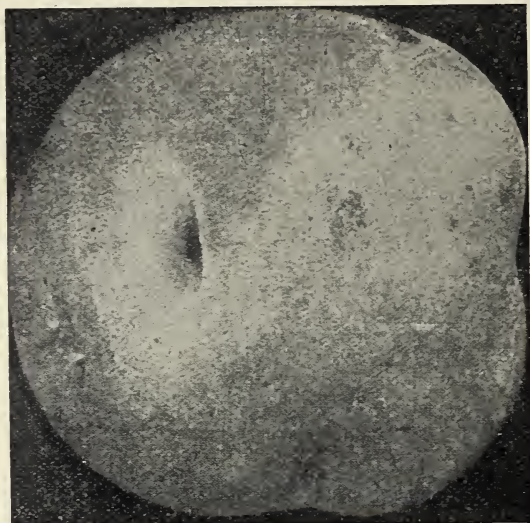
CULTURE—Ang good, well drained, fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes which mature in eight to ten weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1,000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows three to four inches deep. Then plant good sized pieces, each containing no less than two or three eyes, fifteen inches apart in the furrows for early Potatoes, and eighteen inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows three feet apart each way. Cover with small plow or other suitable tool. Cultivate often. Spray with arsenate of lead mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.

Bliss Red Triumph. Extremely prolific and a full week in advance of Early Rose. Color, a beautiful light red. Size, medium. Growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers and is shipped to the Northern markets. 10 lbs., 75c; 30 lbs., \$1.35; 60 lbs., \$2.50.

Early Ohio. In the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. 10 lbs., 75c; 30 lbs., \$1.35; 60 lbs., \$2.50.

Irish Cobbler. This has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. 10 lbs., 75c; 30 lbs., \$1.35; 60 lbs., \$2.50.

Rural New Yorker. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as "Dusty" Rural. 10 lbs., 65c; 30 lbs., \$1.30; 60 lbs., \$2.25.



DUPONT SEMESAN BEL POTATO DISINFECTANT

Effective control, either as a dust or liquid, of surface seed-born scab and Rhizoctonia.

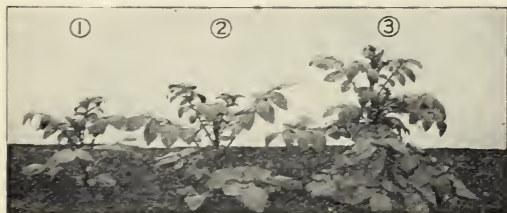
DUST METHOD OF APPLICATION

Each sixty pounds of whole pieces should be treated with two ounces of Semesan Bel dust.

Place the seed pieces and required quantity of Semesan Bel in the dusting container and, after tightly closing the lid or opening gently shake or rotate it for two minutes or until all seeds are thoroughly coated.



The Du Pont Semesan Seed Disinfectant



Semesan Promotes Better Sprouting and Stands



SEMESAN BEL DOUBLED YIELD AND IMPROVED QUALITY

These potatoes were grown from an equal number of seed pieces. The SEMESAN BEL treatment more than doubled the yield and increased the proportion of No. 1 potatoes to 77%, reduced the No. 2 Grade to 18.5% and No. 3's to 4.5%.

PRICES FOR SEMESAN BEL

4 ounces	\$ 0.50
1 pound	1.75
5 pounds	8.00
25 pounds	31.25

DIP METHOD—Into one gallon of water which should be vigorously stirred, pour slowly one pound of Semesan Bel, making a thin paste similar to whitewash.

Then pour in another tub, barrel or vat of about 40 gallons of water in which to treat the seed pieces.

Then place potatoes in a wire basket (one can easily be made from one-inch mesh chicken wire) or any similar open side container and simply dip it with its load of seed into the Semesan Bel mixture until all seeds are completely covered. Then remove immediately, allowing the excess liquor to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.

Ask for Semesan Bel Potato Booklet. Here is what the potato growers say about Semesan Bel:

"Our Semesan Bel-dipped seed were entirely free from scab, were earlier and made a better yield than the undipped."

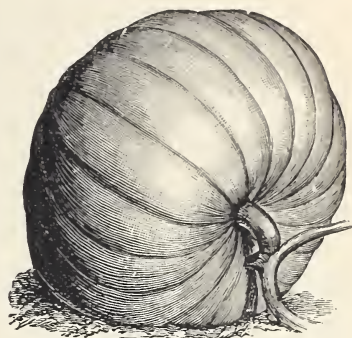
HARRISON & MITCHELL, Aleyton, Texas.

PUMPKIN

One ounce will plant about 25 hills; 4 lbs. will plant an acre.

(By Parcel Post, 1 lb. or over, add Postage.)

Pumpkins are less sensitive than melons or cucumbers to unfavorable conditions of soil and climate but are cultivated the same, though on a larger scale. They are raised between hills of corn or in fields by themselves, but more properly belong to the farm than the garden as they readily mix with and injure the quality of the finer squash. After danger of frost is over plant the seed in hills eight to ten feet apart each way, dropping about a dozen seeds in a hill. If planted with corn two or three seeds 15 feet apart each way will be sufficient. The pumpkin should be gathered from the vine with the stem attached. They should be kept in a warm, dry, well-ventilated place.



Japanese Pie. A crookneck variety. Similar in size and form to the well-known Cushaw, but the skin is a deep green with dark stripes, turning to a rich golden yellow. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

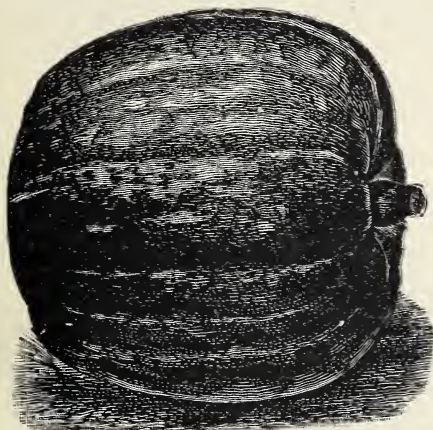
Kentucky Field. A large, round, slightly ribbed, soft shell, salmon-colored pumpkin that is very productive and excellent for stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 10 lbs., \$5.00.

Large Cheese. A very productive, large, orange-colored field pumpkin; a little deeper than round and slightly flattened. Extensively grown between corn for stock-feeding; it also makes good pies. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 10 lbs., \$5.00.

Mammoth King or Potiron. The best large pumpkin in use. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Small Sugar. This variety is small, but of most excellent quality for pies. The fruits are deep orange, eight to ten inches in diameter, round or somewhat flattened and slightly ribbed. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Tennessee Sweet Potato. A good variety for making pies and other cooking purposes. It is medium size, of a white creamy color. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.15.



RHUBARB (Pie Plant)

One ounce will sow 125 feet of row.

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stalks which are extensively used for pies and sauce.

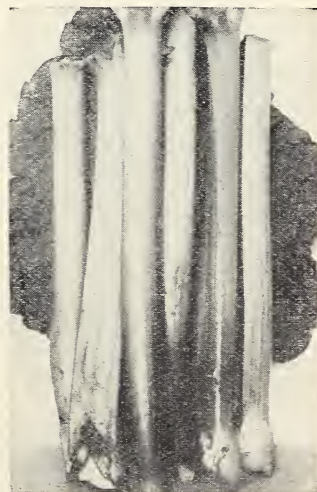
Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to six inches apart. In the fall transplant into very highly manured and deeply stirred soil, setting them 4 to 6 feet apart each way and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year. When a blossom appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed.

Early Linnaeus. The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Myatt's Victoria. Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

RHUBARB ROOTS

Strong roots, two years old, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. The plants increase in size every year and will with proper care last for many years. Thick, luscious stalks shaded bright crimson. **Selected Roots.** 15c each; \$1.50 per dozen. By Parcel Post, add Postage. 5c each; 25c dozen for Postage.



RHUBARB
(Rharbarber)

RADISHES

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

(By Parcel Post, add Postage at Lb. Rate.)

If in the market for large quantities, please write for special price.

CULTURE—Sow seed as early in Spring as ground can be well cultivated, in drills 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety; winter varieties should not be sown until August.

Early Scarlet Turnip White Tip (Sparkler). A very handsome and attractive radish of a rich, carmine scarlet color and tipped white. It is invaluable for forcing or for open air growing and always a big demand for this fine variety. Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$4.00; 50 lbs., \$35.00.

Fire Ball. It is a "Fire Ball" both in growth and appearance and radishes in 21 days from the time of planting is the unrivaled record held by this fine strain. Rich, crisp, brittle flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Early Scarlet Globe. The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the market garden or for greenhouse forcing. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.10; 5 lbs., \$5.00.

Early Scarlet Turnip. The famous small round red, crisp, tender, solid and brittle. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.



Long White Strassburg



Philadelphia White Box. This famous white turnip-shaped or globe-shaped radish is the foremost of its class. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., \$4.00.

St. L. S. Co.'s Crimson Giant. It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarter inches long by one and one-quarter inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.00.

Yellow Oval Shaped. A fine summer turnip-shaped variety; yellow in color, but white meat and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

White Strassburg. Even when comparatively small this variety is in good condition for use and continues crisp until matured. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later summer sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., \$3.50.

French Breakfast. Too well known to need any introduction. Scarlet with white tips. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Wood's Early Frame. In shape half long, much used for forcing. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c.

Iceicle. Our strain of ICICLE is excellent as well as profitable and used for either forcing or outdoor planting. A fine variety for market and private gardeners. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

WINTER VARIETIES

Round Black Spanish. The roots are round, sometimes slightly top-shaped, three or four inches in diameter. The skin is almost black. The flesh is white, very compact, decidedly pungent, but well flavored. The variety keeps well through the winter. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Long Black Spanish. One of the best for winter use. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

White Spanish. Very solid and tender. The best white radish for late fall planting; largely used by our market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

Rose Colored China. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.



Radish White Box

SPINACH

(Spinach by Parcel Post, 1 lb. or over add Postage.)

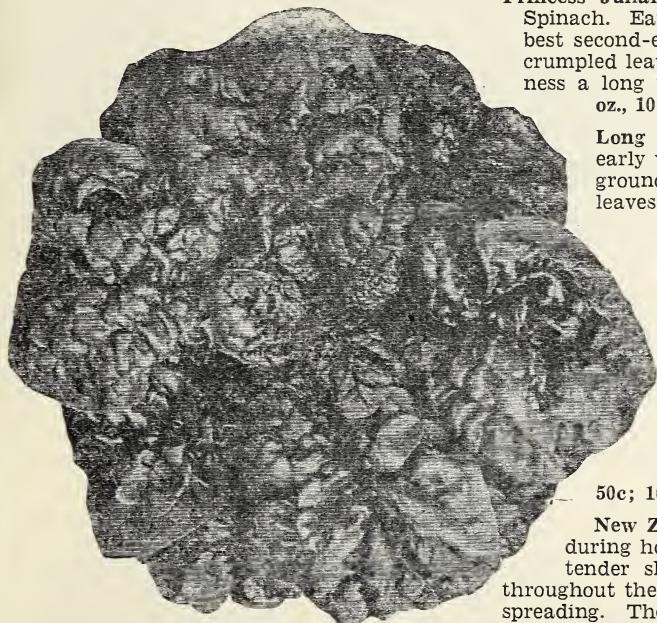
One ounce will sow 50 feet of drill. Twenty to twenty-five pounds will sow an acre.

If in the market for 50 or 100 lb. lots or over, please write for price.

No plant makes more palatable and nutritious greens than spinach when properly prepared. Seed should be planted in very rich ground, the richer the better. Sow in drills sixteen to twenty inches apart and thin to about six inches apart when the leaves are an inch wide. All should be cut before hot weather while young and tender. For early spring use sow early in autumn and protect the plants with a light covering of leaves or straw, or plant as soon as the land can be worked in the spring. Under favorable conditions the leaves may be large enough for eating in eight weeks.

Bloomsdale or Savoy. This is by far the most popular Spinach among the gardeners and is the best Spring and Fall Spinach. The plant is of upright growth, with thick, glossy dark green leaves of medium size, pointed but quite broad, and crumpled or blistered like those of Savoy cabbage. It is hardy and grows rapidly to a suitable size for use, but runs to seed quickly in warm weather. Seed round. This spinach is suitable for the home garden and is much used by Southern truckers.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c; 10 lbs., \$2.00; 100 lbs., \$17.00.



Spinach, Princess Juliana

Princess Juliana. This is a new type of "Long Season" Spinach. Early, with upright, medium green leaves. The best second-early; grows close to the ground; dark green crumpled leaves keep fresh looking and retain their crispness a long time after being cut; stands well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c; 10 lbs., \$2.50.

Long Standing Bloomsdale. An excellent second-early variety with small plants growing close to the ground, very dark green, thick, somewhat crumpled leaves; almost as crumpled as the Savoy-leaved; and short, fleshy stems. Does not readily crush. Will keep in the field in condition for a remarkably long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c; 10 lbs., \$2.25.

Giant Nobel. Withstands hot weather longer than other sorts; it thereby increases the length of the season a month. It does not wilt or run to seed so quickly as other sorts. Its habit of growth is prostrate, rather than upright; the leaves are thick warty and fine and tender when cooked. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb.,

50c; 10 lbs., \$2.25.

New Zealand. Spinach in type and that it thrives during hot weather and in any soil rich or poor. The tender shoots are of good quality and may be cut throughout the summer. The plant becomes very large and spreading. The leaves are comparatively small, broad and pointed. Plant three or four seeds in hills two feet apart each way. Germination of the seed can be hastened by

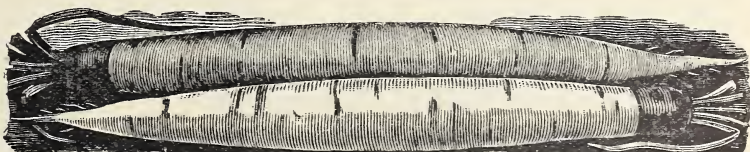
soaking in warm water twenty-four hours. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c.

SALSIFY OR OYSTER PLANT

One ounce will sow 50 feet of drill.

HOW TO GROW SALSIFY—Sow early in the spring in drills fifteen inches apart, one inch deep; thin to six inches in rows. Cultivate the same as carrots or parsnips. It is hardy; can remain in the ground all winter for early spring use, but should be taken up before starting growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Used the same as carrots; or, after having been boiled it may be made into cakes and fried like oysters, which it resembles in flavor.

Mammoth Sandwich Island. The best variety. Grows to a large size and is very mild and delicately flavored. Grown extensively by gardeners and truckers everywhere. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.15, Postpaid.





Hubbard Squash

TURNIP

One ounce will sow 200 feet of drill one to two pounds for an acre

CULTURE—For early sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For Fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Rutabagas sow seed in seed bed in Spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

Extra Early Purple Top Milan. Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either Spring or Fall. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.00.

Purple Top White Globe. This excellent table variety is globular in shape, of good size and very attractive appearance. The roots are large, purple or dark red above ground, white below. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.



Purple Top White Globe

SQUASH

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

A warm, light, rich soil is best. This may be enriched by mixing a shovelful of commercial fertilizer thoroughly with the soil in each hill. As Squash plants are very tender and sensitive to cold, plantings must not be made until settled warm weather, about May 15th. Summer varieties should be planted in hills 4 to 6 feet apart each way, winter varieties 8 to 10 feet apart each way.

Early White Scallop Bush. A beautiful white Squash of light cream color, large size flat. Elegant for home use. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10.

Mammoth White Scallop Bush. This handsome large white variety is about twice the size of the Early White Scallop Bush. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10.

Cocozelle Bush. A Summer Squash of compact bush form. The fruits are oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Yellow Summer Crookneck. This famous variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.10.

Hubbard. Time-tried and worthy of the consideration of all and should be planted by everyone who relishes Squash. Flesh is of a dark yellow color, fine grained. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

Improved Striped Cushaw. It is of a beautiful variegated coloring, producing stripes of a mottled effect. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.



Purple Top Flat Strap Leaf. A very early strap-leaved variety very extensively used for the table. The leaves are few, entire, upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

White Globe. The King of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size it matures early. A very good autumn variety. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.15.

Yellow or Amber Globe. Is the staple yellow Turnip both for table and for feeding stock. Heavy cropper and keeps well. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.15.

Seven Top. Grown only for the tops, which are used for greens or salads in the South. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.

RUTABAGA

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color bright yellow with a purple top; flesh very solid, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 10 lbs., \$6.50.

TOMATO (Price Postpaid)

One ounce will produce about 1,000 plants.

CULTURE—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, they should be transplanted into another hotbed and planted four inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground three feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flowerpot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stalks.

EARLY SORTS

Carters Sunrise. A medium-sized, round red sort, very smooth and highly colored. Used almost exclusively for forcing. Specially selected. Pkt., 10c; ½ oz., 35c; oz., 65c.

Bonny Best. This variety is a favorite for forcing; just the size wanted (round) color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., 90c.

John Baer. A fine extra-early round bright red, free from core, very few seeds, with a mild, sweet flavor, and ripening up to the stem. Vigorous and productive. Fine shipper. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., 90c.

Early Detroit. The largest and best of the early purplish pink Tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped; firm, and excellent quality. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$4.00.



Earliana (The Earliest Red Tomato). The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The Tomato is of uniform size, averaging three inches in diameter, and from 2 to 2½ inches in depth. Solid. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

SECOND EARLY OR MAIN CROP



Gulf State Market. The best of the early, purple fruited varieties. In season with Early Detroit, while fruit is larger, smoother, more globe-shaped; very solid, productive and free from cracking. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$4.00.

St. L. S. Co.'s Improved Excelsior. Is of a dark, glossy, purplish red, very large and very solid. The plants make a very strong growth, are hardy and bear most plentifully. This fruit is produced in clusters of four to six large and of perfect shape and retain this size until late in the season. We have a very carefully selected stock of this universal favorite. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.

Livingston Globe. A large purplish, pink, globe-shaped or very nearly round tomato of excellent quality. It is extensively used for shipping. The vines are very vigorous and productive. The fruits are rather uneven in size but are very smooth and mature a little earlier than most mid-season or main crop varieties. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50.

TOMATOES—Continued

Marglobe. This Great New Tomato introduced by the U. S. Dept. of Agriculture through the Bureau of Plant Industry. Never before has a hybrid of such great promise been brought to our notice. Its fine appearance, great productiveness, deep globe shape and superb table qualities is giving it first place wherever known. Its spreading habits of growth enable it to bear large, perfect globe-shaped fruit in great abundance. In color it is a most beautiful scarlet, ripening well up to the stem. Its eating qualities, likewise, are very much superior to most of the common varieties. "The Marglobe" has proven resistant to the disease, and is being planted almost exclusively to all others. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; 1 lb., \$4.50.

Mammoth Large Red. This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.50.

Ponderosa. A purplish pink. The vines are vigorous and very productive. The fruits are very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is very desirable for slicing. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Stone. One of the largest and most solid, main crop or late bright red varieties. It is unsurpassed for slicing and canning. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. Our stock is distinctly superior to most of that offered under this name, being larger, smoother, more uniform and better colored. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 85c; 1 lb., \$3.00.



Marglobe

Dwarf Champion. This is sometimes sold as the "Tree Tomato." Purplish pink variety, especially desirable where garden space is limited. The vines are about two feet high, vigorous, upright and compact. The fruits are medium sized, exceptionally smooth and of very good quality. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Golden Ponderosa. This is a yellow Ponderosa equal in size to that magnificent variety. Sliced and served with the Purple Ponderosa, it makes a highly decorative and appetizing salad. Runs nearly true to type with a small percentage of mixed fruits. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

SMALL FRUITED TOMATOES

Husk or Ground Cherry. A favorite canning or preserving variety. Pkt., 10c; ½ oz., 30c; oz., 50c.

Peach. Size, shape and color of a peach. Pkt., 10c; ½ oz., 30c; oz., 50c.

Yellow Pear. Excellent for "putting up." Pkt., 10c; ½ oz., 30c; oz., 50c.

Yellow Plum. Popular, small yellow, for preserving. Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Cherry. Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Pkt., 10c; ½ oz., 30c; oz., 50c.

Red Pear. Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Pkt., 10c; ½ oz., 30c; oz., 50c.



TOBACCO

Missouri Broad Leaf. A well-known standard sort; very large yielder, an ideal sort for home use. Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

White Burley. The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

Havana. The leading smoking variety. Commands a high price for cigar stock. Pkt., 10c; ½ oz., 25c; 1 oz., 40c.



Mo. Broad Leaf

VEGETABLE PLANTS

Plants sent by express, purchaser paying charges.

Please Note: All vegetable plants on this page are grown especially for us, and are in stock except Frost-Proof Cabbage and Onion Plants at our store and are strong, transplanted plants.

ASPARAGUS ROOTS

Extra-choice Two-year Roots.

	Doz. 4	Doz. 8	Doz. 1000
Washington, rust-proof.....	\$0.30	\$1.00	\$1.75 \$16.00
Palmetto .....	.25	.90	2.00 13.50

(By Parcel Post, add 5c Doz. Postage)

RHUBARB ROOTS

When only a few plants are required, we would suggest the purchase of roots instead of seed. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Each	Doz.
2-year-old	\$0.15	\$1.50

(By Parcel Post, add 5c ea. or 25c per doz.)

HORSERADISH SETS

Horseradish Roots. The soil should be very rich and well cultivated. 12 for 20c; 4 doz. for 60c; 100 for \$1.25; 1000 for \$9.00.

(By Parcel Post, add 10c per 100 postage.)

SWEET POTATO PLANTS

Sweet Potatoes. Red, Yellow	50	100	1000
and White	\$0.40	\$0.70	\$6.00

Ready May and June.

(By Parcel Post, add 15c per 100.)

FROST-PROOF PLANTS READY FEBRUARY TO APRIL

These Plants Are Not Carried in Stock at Our Store, But Shipped Direct from Where They Are Grown in the Southern State. No Plants sent C. O. D.

ONION PLANTS

For those who desire an early crop, either for table use or for local marketing, these plants will prove most desirable.

Yellow Bermuda. It is a light straw-colored onion. Our special stock ripens early, is of the best color and the heaviest yielder. Price, 50c per 100; \$1.75 for 500 or \$2.50 per 1000, postpaid. By express charges collect per crate 6000 plants, \$4.00.

Crystal White Wax Bermuda. Unquestionably the most attractive onion. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in all markets. Price, 50c per 100; \$1.75 for 500 or \$2.50 per 1000, postpaid. By express charges collect per crate 6000 plants, \$4.25.

STRAWBERRY PLANTS

Strawberry plants are not in stock, but are sent direct to you from the nursery.

PLANTS READY MAY AND SEPTEMBER

Aroma. Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Excelsior. (Early.) Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

Klondyke. Of large and uniform size, fine form and color, great vigor of plant and productive.

Cabbage Plants. Plants should be set about 2½ to 3 feet apart each way. April and May delivery.

	25	50	100	1000
Wakefield	\$0.25	\$0.45	\$0.75	\$5.50
Copenhagen Market .....	.25	.45	.75	5.50
All Season .....	.25	.45	.75	5.50

(By Parcel Post, add 10c per 100 for Postage.)

Cauliflower Plants. April and May Delivery. Plants should be set 2½ to 3 feet apart each way.

	Doz. 4	Doz. 8	Doz.
Cauliflower, Ea. Dwarf Erfurt.....	\$0.15	\$0.50	\$1.00
Kohl-Rabi .....	.25	.50	1.00
	\$0.25	\$0.45	\$0.65

(By Parcel Post, add 10c per 100.)

Tomato Plants. We make a specialty of growing tomato plants and can furnish the following varieties after May 10 in fine, strong stocky plants. Ready May and June.

	Doz. 4	Doz. 8	Doz.
Tomatoes—Ponderosa	\$0.20	\$0.75	\$1.25
Improved Excelsior .....	.20	.75	1.25
Dwarf Champion .....	.20	.75	1.25
Stone .....	.20	.75	1.25

(By Parcel Post, add 15c per 100 for Postage.)

Pepper. Ready for May and June.

	Doz. 4	Doz. 8	Doz.
Pepper—Bell or Bull Nose.....	\$0.20	\$0.75	\$1.25
Chinese Giant .....	.20	.75	1.25
Red Cayenne .....	.20	.75	1.25

(By Parcel Post add 5c Doz. Postage.)

FROST-PROOF CABBAGE PLANTS

The market gardener who grows cabbage for shipment or the market, must have extra early maturing crops if he wishes to obtain the highest prices.

Orders for plants will be shipped in about four or five days after they are received if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.

Frost-Proof Cabbage Plants. Shipped from Feb. 1st to May 1st. Selected plants. Golden acre, early Flat Dutch, Early Jersey Wakefield, Charleston Wakefield. By Parcel Post Prepaid 100 for 80c; 500 for \$2.50. By express charges collect per crate 3000 plants, \$4.00.

Gandy. (Late). Very productive, fruit large and a good keeper. All varieties. 25 for 35c; 100 for \$1.00; 1000 for \$8.50.

Progressive. This is the most wonderful ever-bearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; succeeds well anywhere. 25 for 75c; 100 for \$1.50; 1000 for \$12.00.

FARM AND FIELD SEEDS

"PURE AND SURE SEEDS"—BIGGER AND BETTER CROPS

Most important to all who depend for their living on the products of the soil is **SELECTED SEEDS**, that not only will germinate and are reliable, but that will produce bumper crops, that will fill the granary with fine high-priced wheat, and the corn bin full of this great product. "PURE AND SURE" Seeds are the kind that produce the crops that mean great big profits from a small outlay of money. You cannot afford to waste your time planting cheap seeds when you look for results from your plantings. It is poor economy to plant untested seeds when for a little more you can have seeds of the highest quality, and that is what you want. You can have confidence in the quality of our Pedigreed Seeds, for we have made a specialty of farm seeds and the value of the same cannot be exaggerated. Let us know what you want in the line of field seeds, and we guarantee you quality that cannot be equaled for the price.

Bu.
56 Lbs.

ST. LOUIS SEED COMPANY'S SELECTED SEED CORN

Extra charge for Bags: $\frac{1}{2}$ bu. cotton, 10c; 1 bu. cotton, 20c; seamless bags, 35c.

Bu.
56 Lbs.

GRADED SEED CORN

We carefully grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters. But the grading is only a part of the labor which we give to the production of good seed corn. It is gathered early and stored in seed corn house, and only those absolutely true to type and strong vitality are shelled for seed purposes.

CHAMPION EARLY WHITE PEARL

(90 days)

This is the earliest snow white Dent corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety and very uniform in shape, size, etc., and, therefore, its great market demand. The ears grow very large—the cob small, two great factors of profit in corn. Our selected seed of this variety is without equal anywhere and the many good reports about this variety have far exceeded our expectations. You cannot buy better seed corn at such a low price. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (1 bu.), \$3.25.

PRIDE OF THE NORTH

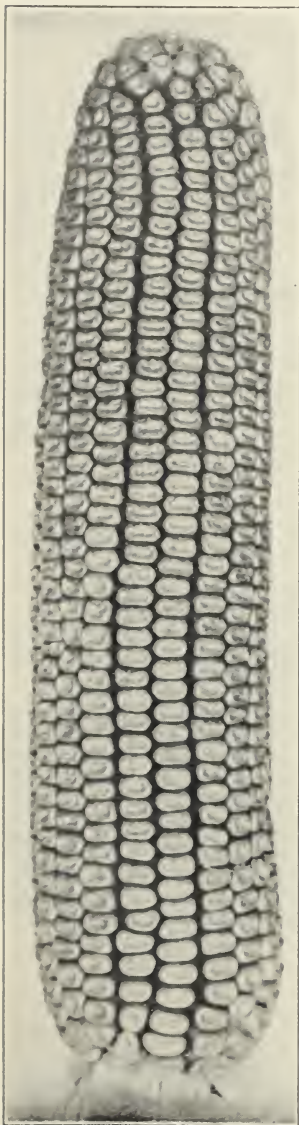
(90 days)

The great favorite of the extreme Northern States and a most useful variety where a late planting is necessary. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually contain from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels of good sound corn per acre. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (1 bu.), \$3.25.

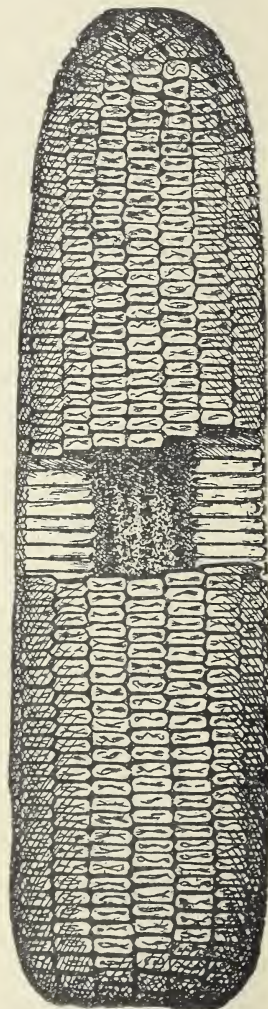
IOWA SILVER MINE

(Matures 100 days)

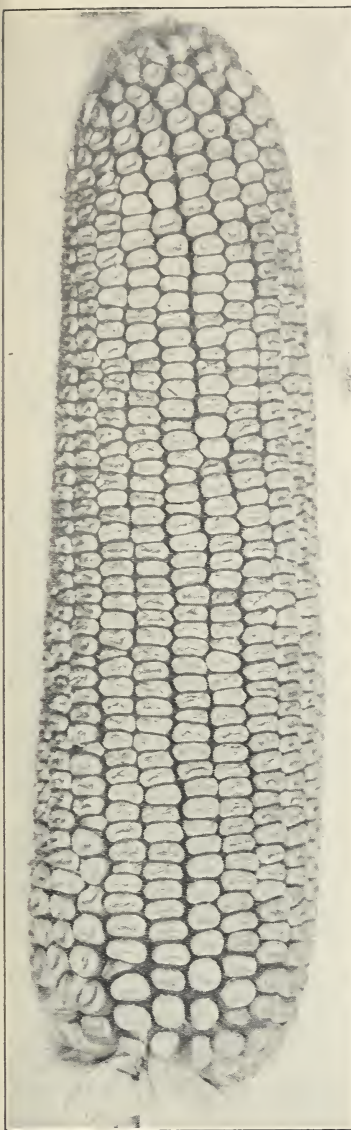
This is not a new variety, but is one of the best-known sorts, on account of its great popularity and wonderful record. It is noted for its great vitality to withstand and resist extreme conditions of weather, wet or dry; also hot weather, and makes good crops where other sorts wither, burn up and perish under hot winds and scorching sunshine. Each year we have grown this corn we have sought to select and improve it in every way possible, not so much to increase the size of the ears, but to increase uniformity of size and number of ears to the stalk. Stalks grow 8 to 10 feet in height and ears set well down toward the ground. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (1 bu.), \$3.25.



Pride of the North



Champion Early White
Pearl.

**ST. L. S. CO'S WHITE STAR (Matures 110 days)**

This wonderful white dent corn is known, grown and more extensively planted than any White Corn. It is adapted to a wide range of conditions, and is a corn of the North, South, East and West, and a variety that always, everywhere gladdens the hearts of the farmers and fills his cribs at harvest time.

Our seed of this variety is from selected ears. You cannot plant a better variety and you know that your order for this corn will be filled with the highest grade, selected seed corn. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (bu.), \$3.25.

REID'S YELLOW DENT

The Most Popular Yellow Dent Corn in the Great Central Corn Belt. (Matures 110 days)

The Reid's Yellow Dent Field Corn has been bred up and selected with painstaking care to what is at the present time—one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the butt. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (bu.), \$3.25.

GOLD BOND

If any seed grain can truly be called pedigreed, the Gold Bond Field Corn is certainly entitled to be known as such. It has been bred up and selected to one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row. You will be an enthusiastic booster of our Gold Bond once you have planted it. 5 lbs., 60c; 15 lbs., \$1.35; 25 lbs., \$2.00; 56 lbs., (bu.), \$3.25.

BOONE COUNTY WHITE (Matures 120 days)

Boone County White. Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. We supply only the very best quality seed, true to type in every way. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs., (1 bu.), \$3.00.

ST. CHARLES WHITE, RED COB (Matures 120 days)

This excellent variety was introduced in St. Charles County, Missouri, and is very popular with a large number of our customers, especially in that vicinity, where plantings are made every year. It is a very handsome, pure variety of white corn, set on a red cob and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels.

Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. 5 lbs., 60c; 15 lbs., \$1.20; 25 lbs., \$1.65; 56 lbs. (1 bu.), \$3.00.

POP CORN, See Page 17

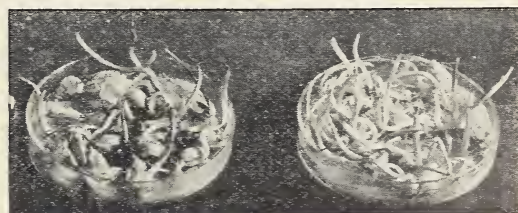
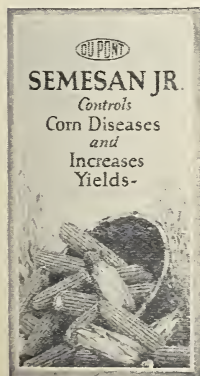
DUPONT SEMESAN JR. CORN DISINFECTANT

Semesan Jr. should be applied only as a dust disinfectant at the rate of 3 ounces to each bushel of seed corn. A level tablespoonful of Semesan Jr. weighs about $\frac{1}{3}$ of an ounce and will treat about 7 pounds of seeds. Do not try to dissolve Semesan Jr. in water and use it as a liquid disinfectant but always keep it thoroughly dry.

The seeds and Semesan Jr. should be placed in an old barrel butter churn, a discarded milk can or any other home-made dusting apparatus which must be absolutely dry. Tightly close the cover or lid of the duster and vigorously rotate or shake for 3 to 5 minutes or until all the seeds are thoroughly coated. A glass jar or tin can may be used for treating small quantities of seeds.

Prices for Semesan Jr.

4 ounce tins.....	\$0.50
1 pound tins.....	1.75
5 pound tins.....	8.00



Untreated and Semesan Jr. Treated Seedlings

ST. LOUIS SEED CO.'S SELECTED GRASS SEED

By Parcel Post, 1 lb. or over, add postage.

Price, f. o. b. St. Louis, Mo., subject to market changes

We desire to call particular attention to the fact that Grass Seeds are sold to the trade by sample, and each sort is divided into three or four grades, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the **VERY HIGHEST GRADE**.

ST. L. S. CO.'S HAVALAWN GRASS SEED ESPECIALLY ADAPTED TO THIS LOCALITY AND WILL INSURE A FINE, VELVETY LAWN

Havalawn is a mixture of the finest, re-cleaned grass seed, a well-balanced mixture of Kentucky Blue, Red Top, German Bent, Red Fescue, and White Clover. The best sod and lawn producing grasses. Havalawn insures a steady succession of growth—there will be no break in the richness of the verdure from Spring until Winter. Price, lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 25 lbs., \$10.00; 100 lbs., \$35.00.

St. L. S. Co.'s Shady Lawn Mixture. This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. This mixture is a combination of fine dwarf-growing evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 100 lbs., \$35.00.

Quick Result Mixture. This is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places. Price, lb., 30c; 5 lbs., \$1.25; 25 lbs., \$5.00; 100 lbs., \$19.00.

Kentucky Blue Grass (*Poa pratensis*). Fancy extra re-cleaned. Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. Sown with White Clover it forms a splendid lawn; for this purpose use not less than seventy-five pounds of Blue Grass and six pounds of White Clover per acre. 1 lb., 45c; 3 lbs., \$1.25; 10 lbs., \$4.00; 25 lbs., \$8.25; 100 lbs., \$28.00.

Creeping Bent Grass. (*Agrostis stolonifera*). This is particularly valuable for lawns that are to be used for croquet grounds or for tennis courts, because it is benefited more than hurt by tramping and by its bright color adds to the beauty of the lawn. $\frac{1}{2}$ lb., 60c; 1 lb., \$1.10; 5 lbs., \$4.75; 25 lbs., \$22.50.

PASTURE MIXTURES

Pasture Mixture "A" (Good Moist Soils). Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches, use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. 5 lbs., \$1.50; 25 lbs., \$6.00; 100 lbs., \$20.00.

Pasture Mixture "B" (Dry, Hilly Uplands). Sow fifteen to twenty pounds per acre. Recommended for rolling-ground, or where stones or sand in soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. 5 lbs., \$1.50; 25 lbs., \$6.00; 100 lbs., \$20.00.

Clover. (White or Dutch). A low, close growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. $\frac{1}{2}$ lb., 40c; 1 lb., 75c; 3 lbs., \$2.10; 5 lbs., \$3.50; 25 lbs., \$15.00.

Bermuda Grass. Used extensively in the South for lawns where other lawn grasses cannot be successfully grown. Sow seed in the Spring. $\frac{1}{2}$ lb., 40c; 1 lb., 70c; 5 lbs., \$3.25; 10 lbs., \$5.50.

Canadian Blue Grass. A hardy perennial with creeping root-stalks which form a strong turf. It withstands drought better than most cultivated grasses and is especially valuable in Lawn Grass mixtures. It succeeds best on clay soils. 1 lb., 45c; 3 lbs., \$1.25; 10 lbs., \$4.00; 100 lbs., \$26.00.

Orchard Grass (Rough Cock's Foot). A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. 1 lb., 40c; 5 lbs., \$1.50; 100 lbs., \$19.00.

Poa Trivialis. Recommended for shady lawns and it also is a rich pasture grass. 1 lb., 70c; 10 lbs., \$6.00; 100 lbs., \$51.00.

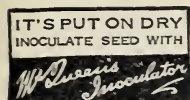
Perennial Rye Grass. Very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow thirty to forty pounds per acre in Spring. 1 lb., 25c; 3 lbs., 70c; 10 lbs., \$2.00; 100 lbs., \$15.00.

Red Top. A very hardy perennial grass, succeeding best on a moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. 1 lb., 40c; 10 lbs., \$3.25; 100 lbs., \$24.00.

Red or Creeping Fescue. A creeping rooted grass, resisting extreme drought, and especially adapted for forming a close and lasting turf in shady places. Valuable also for exposed hillsides, and golf courses. Sow 40 pounds per acre. 1 lb., 60c; 10 lbs., \$5.25.

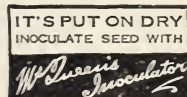
Timothy. (45 lbs. per bu.) The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring, and it is frequently sown then with equal success. 1 lb., 20c; 5 lbs., 90c; 25 lbs., \$2.75; 100 lbs., \$9.75.

Sudan Grass. Is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 feet, but when broadcast thickly, it grows from 3 to 5 feet. The stems are fine. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum. 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.00; 100 lbs., \$6.50.



ST. LOUIS SEED CO. RECLEANED FARM SEEDS

Bags extra at cost. ½ bu. cotton, 20c; seamless, 35c each.



ALL PRICES ON FIELD SEEDS ARE SUBJECT TO MARKET CHANGES. ALL ORDERS FILLED TO THE AMOUNT OF REMITTANCE AT MARKET PRICES WHEN ORDER IS RECEIVED.

	1 lb.	10 lbs.	100 lbs.
ALFALFA			
Kansas, extra fine, 99 Pure.....	\$0.40	\$3.45	\$26.50
Northwestern (Hardy), 99 Pure....	.40	3.50	27.50
Southwestern, 99 Pure.....	.35	3.25	24.00
Grimm, Idaho Blackfoot, 99 Pure	.60	4.75	42.00

SWEET CLOVER

White Blossom, Scarified,			
99 Pure .....	.20	1.50	10.25
Yellow Biennial, 99 Pure.....	.20	1.60	11.00
Unhulled .....	.20	1.25	7.50

RED CLOVER

Fancy, Recleaned (Native).....	.40	3.00	24.00
Choice, Recleaned (Native).....	.40	3.00	23.00
Mammoth Sappling45	3.50	28.00

ALSIKE OR SWEDISH

Fancy Recleaned40	3.00	24.50
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CRIMSON CLOVER

Fancy Recleaned25	2.00	16.00
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WHITE CLOVER

White or Dutch.....	.75	6.50
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TIMOTHY

Fancy Recleaned, 99.50 Pure.....	.20	1.75	9.75
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LAWN GRASS—See Page 40

GRASSES

Canada Blue45	4.00	26.00
English Rye Grass.....	.25	2.00	15.00
Orchard Grass .....	.40	2.75	19.00
Red Top, Fancy solid, 94 Pure.....	.40	3.25	24.00
Red Fescue60	5.25	42.00
Meadow Fescue35	2.50	18.00

PASTURE MIXTURE

Pasture Mixtures35	3.00	20.00
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SUDAN GRASS

New Crop, Recleaned Fancy.....	.15	1.25	6.50
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RAPE

Dwarf Essex	\$0.20	\$1.50	\$8.50
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MILLET

German, Fancy15	1.00	4.75
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Write
for
Price
bu.

COWPEAS

Whippoorwill15	1.00	"
New Era15	1.00	"
Fancy Mixed13	.90	"

SOY BEANS

Early Yellow .....	.15	1.00	"
Manchu (Early Yellow).....	.15	1.00	"
Virginia (Early Brown).....	.15	1.00	"
Illinois 1319 (Imp. Virginia).....	.15	1.00	"

SEED RYE

Rye, Recleaned.....	\$0.10	\$0.50	\$1.75
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OATS

Rust Proof10	.60	.90
Early White10	.60	.85

VETCHES

Hairy Vetch, Spring.....	.25	1.75	9.50
Hairy Vetch .....	.25	2.00	12.50

MISCELLANEOUS

Barley	\$0.15	\$1.00	\$3.75
Buckwheat .....	.15	1.00	4.00
Broom Corn .....	.20	1.50	9.00

Write
for
Price

Cane, Amber .....	.15	1.00	"
Cane, Orange .....	.15	1.00	"
Canada Peas .....	.15	1.10	"
Kaffir, White .....	.15	1.00	"
Hemp .....	.15	1.10	"
Peanuts, Large Jumbo.....	.25	2.25	"
Sunflower, Russian .....	.15	1.10	"

SEMESAN—The Modern Seed Disinfectant

Controls seed diseases, quickens germination, invigorates seedling growth, produces sturdier plants, increases crop yields.

CERESAN—for seed grains

Use 2 oz. per bushel of seed wheat, rye, sorghums or millets; 3 oz. for oats and barley.

1 lb. tin.....	\$ 0.75
5 lb. tin.....	3.00
25 lb. pail.....	12.50

SEMESAN JR.

for seed field and field corn

Use 2 oz. per bushel of seed.

4 oz. tin.....	\$0.50
1 lb. tin.....	1.75
5 lb. tin.....	8.00

SEMESAN

for vegetable seeds

Full directions in can for use on vegetable and flower seed and bulbs.

2 oz. tin.....	\$ 0.50
1 lb. tin.....	2.75
5 lb. tin.....	13.00



SOIL INOCULATOR

When ordering Queen's Inoculator, please give number and size of package desired.

Nos. 1 and 2 for Alfalfa and Clover

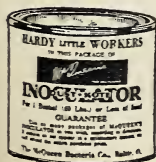
Size	
½ bu. for 30 lb. seeds..	\$0.50
1 bu. for 60 lb. seeds..	1.00
2½ bu. for 150 lb. seeds..	1.75

Nos. 3 and 4 for Garden Beans and Vetch

Size	
1 bu. for 50 lb. seeds.....	\$0.50
2 bu. for 100 lb. seeds.....	1.00
5 bu. for 250 lb. seeds.....	1.75

No. 5 for Cow Peas, No. 6 for Soy Beans

Size	
1 bu. for 50 lb. seeds.....	\$0.50
2 bu. for 100 lb. seeds.....	1.00
5 bu. for 300 lb. seeds.....	1.75





FLOWER SEEDS FOR THE ROCK GARDEN

ACHILLEA—The Pearl. Double white; flowers continuously all summer; 2 feet. Pkt., 15c.

AGROSTEMMA (Rose Campion). Free flowering. Perennial. Red. 1½ ft. Pkt., 10c; ½ oz., 25c.

Alyssum Saxatile. Hardy. Perfect little bush with miniature flowers in great masses, of a bright yellow. 12 inches high. Pkt., 10c; ½ oz., 50c.

AQUILEGIA—Mrs. Scott Elliott's Strain of Long Spurred Hybrids. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. 30 inches. Pkt., 15c; ¼ oz., 75c.

AQUILEGIA COERULEA (Rocky Mountain Columbine). Violet blue and white. 2 ft. Pkt., 10c.

AQUILEGIA SILVER QUEEN. 30 inches. Pure white; long spurred. Pkt., 15c.

ARABIS—Alpina. Dwarf spring flowering; flowers pure white; 6 inches. Pkt., 10c; ½ oz., 40c.

ARMERIA—Formosa. Deep pink; 8 in. Pkt., 10c.

ASTER—Alpinus. Blue and white. Mixed. Pkt., 15c.

AUBRIETIA. Large flowering hybrids; early flowering; 4 inches. Pkt., 15c.

AURICULA (Primula). Beautiful low growing plants. Mixed. 6 inches. Pkt., 10c.

CAMPANULA—Carpaticea. Blue (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue. Pkt., 10c.

CAMPANULA—Carpaticea. Alba. White. Pkt., 10c.

CANDYTUFT—Gibraltarica. White shading to lilac. 1 ft. Pkt., 10c.

CANDYTUFT—Sempervirens. White hardy perennial; in flower early in the spring; 1 foot. Pkt., 10c.

CARNATION—Grenadin Dwarf. Scarlet. Pkt., 20c.

CARNATION—Grenadin. White. Pkt., 20c.

CARNATION—Grenadin. Rose. Pkt., 20c.

CARNATION—Grenadin. Mixed. Pkt., 15c.

CENTAUREA—Montana (Perennial Cornflower). Hardy perennial variety, grows 2 feet high. Large violet-blue flowers from July to September. Pkt., 10c; ½ oz., 40c.

CERASTIUM—Tomentosum. Dwarf, white leaved plant with white flowers; 4 inches. Pkt., 15c.

CHEIRANTHUS—Ailoni (Siberian Wallflower). A biennial; brilliant orange flowers; 1 foot. Pkt., 15c.

DELPHINIUM—Chinese Blue. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Pkt., 10c.

DELPHINIUM—Chinese White. Pkt., 10c.

DIANTHUS CAESIUS (Cheddar Pink). Forming dense tufts a few inches high and sweet scented, rosy-pink flowers in May and June. Pkt., 15c.

DIANTHUS—Deltoides (Maiden Pink). Dwarf brilliant carmine. Pkt., 15c.

DIANTHUS—Plumarius Double Mixed. (Double hardy Garden Pinks). Double and semi-double varieties in beautiful colors. Pkt., 10c.

DIANTHUS—Plumarius (Grass Pinks, Scotch Pink, or Pheasant-eye Pink). A beautiful single hardy Pink, with fringed edged flowers of various colors. Pkt., 10c; ½ oz., 30c.

FORGET-ME-NOT MYOSOTIS—Palustris Semper-florens. The ever-blooming blue Forget-Me-Not; 1 foot. Pkt., 10c; ¼ oz., 75c.

GEUM—Mrs. Bradshaw. Large double brilliant orange scarlet; in flower throughout the entire summer. Pkt., 15c.

Gypsophila—Repens. Mixed. A fine rockery plant covered with tiny rose and white flowers; 8 inches. Pkt., 10c.

HELIANTHEMUM—Mutabile (Rock or Sun Rose). A pretty plant with masses of flowers of various colors; 6 inches. Mixed. Pkt., 10c.

Heuchera Sanguinea Splendens. The flowers are of a rich, bright coral-red color; 30 inches. Pkt., 15c.

Lady Stratheden. New double-flowering golden-yellow. Pkt., 15c.

Linaria Cymbalaria. Lavender and purple. A charming, neat, hardy perennial trailing plant. Pkt., 10c.

Linum (Flax) Perenne. Bright blue flowers; hardy; 24 inches. Pkt., 10c; ½ oz., 40c.

Latifolia. Perennial; large deep-blue flowers. Pkt., 10c; ¼ oz., 50c.

Polemonium Coeruleum. Bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet. May to July. Pkt., 10c; ½ oz., 50c.

POPPIES, Iceland. Flower the first year from spring sown seed; 1 foot. Mixed. Pkt., 10c; ¼ oz., 40c.

Potentilla. Charming hardy perennial plants, with brilliant double flowers, mostly in orange, red and crimson tones; 18 inches. Double Mixed. Pkt., 10c.

PRIMULA—Veris (English Cowslip). Fragrant flowers of various colors; mixed; 6 inches. Pkt., 10c.

PRIMULA—Vulgaris (English Primrose). Canary yellow; very fragrant. Pkt., 10c.

SAPONARI—Oeymoides Rose. A splendid plant for the rockery; rose; 9 inches. Pkt., 10c.

Sedum. One of the prettiest erect growing plants, attaining a height of about 15 inches, with broad light green foliage and heads of handsome showy flowers. Perennial mixed. Pkt., 25c.

STATICE (Sea Lavender). Splendid plants, producing all summer panicles of small flowers; 2 feet.

TUNICA—Saxifraga. A pretty tufted plant with light pink flowers; produced all summer. Pkt., 10c.

VERBENA VENOSA. 1 ft. Covered with bright purple and heliotrope flowers. Pkt., 10c.

VERONICA (Speedwell)—Spicata. Blue. 1½ feet high, producing long spikes of bright blue flowers in June and July. Pkt., 10c.

VIOLA—Cornuta (Tufted Pansy). Choice assorted colors; 6 inches.

Light Blue, Pkt., 10c

Dark Blue, Pkt., 10c

Yellow, Pkt., 10c

White, Pkt., 10c.

Violet, Pkt., 10c.

Mixed, Pkt., 10c.



FLOWER SEEDS

GENERAL LIST OF FLOWER SEEDS

We mail all Flower Seeds POSTPAID to any Post Office in the United States.

Surround your house with flowers, the most refining and uplifting influence in the world. Nothing can add to the beauty of your home like a flower garden. Here you can spend many pleasant hours; it is an enjoyable task to plant them, watch them grow and pick them for ornaments. Years of experimenting, testing and selection have made "Pure and Sure" Seeds the highest quality seeds that have ever been offered the lover of flowers. Everything that would aid in producing better seeds, more beautiful flowers, and finer, improved varieties, has been done and the acme of perfection has been reached in our "Pure and Sure" Flower Seeds.

ABRONIA UMBELLATA

Verbena-like rose colored flowers. Elegant trailing habit. Annual, 10 inches. Pkt., 10c.

ABUTILON (Flowering Maple)

Maximum Hybrids Mixed. Used extensively for pot culture and ornamental bedding; foliage is of maple form and has variegated coloring; flowers bell-shaped; height 3 feet. Pkt., 25c.

ACHILLEA (Milfoil or Yarrow)

The Pearl. Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; easily grown from seed; flowering the first season if seed is sown early; excellent for rock work and cutflowers for vases; 2 feet. Pkt., 15c.

ADLUMIA (Allegheny Vine)

Cirrhosa. A hardy biennial climber, blooming the first season; rose colored flowers. Pkt., 10c.



Ageratum

ACONITUM (Monk's Hood, Wolfsbane)

Napellus Blue. A hardy perennial, growing in any good garden soil of slow germination, producing long spikes of curiously-shaped blue flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 4 feet. July and August. Pkt., 10c.

ACROCLINIUM (Everlasting Flower)

A pretty everlasting, bearing graceful, daisy-like flower, pretty bright rose and white with yellow center, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed; 1 foot. Pkt., 10c; ½ oz., 25c.

ADONIS AESTIVALIS (Flos Adonis)

Beautiful annual dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant; 1 foot. Pkt., 10c; ½ oz., 25c.

AGERATUM (Floss Flower)

An excellent annual plant for edging or solid effects. For early bloom sow indoors from March till May; sown outdoors in May will flower in August. A sowing in September will produce plants to bloom in winter. A continuous bloomer.

Blue Ball. Attractive, compact bushes with a profusion of small ball-shaped pure blue flowers. Excellent for borders; 6 inches. Pkt., 10c.

Imperial Dwarf Blue. Clear Blue; compact growing plant; height 9 inches. Pkt., 10c; ½ oz., 40c.

Imperial Dwarf White. Pkt., 10c; ½ oz., 40c.

Little Blue Star. Plants densely covered with bright blue flowers; height 5 inches. Pkt., 15c; ¼ oz., 75c.

Mixed. Blue and White; 12 in. Pkt., 5c; ½ oz., 25c.

1 Pkt. each 4 varieties, 35c.



Miniature Alyssum

AGROSTEMMA CORONARIA (Rose Campion)

Exceedingly handsome and free-flowering; excellent for Rock Garden. Perennial; will bloom the first year if sown early. Red. June and July. 1½ ft. Pkt., 10c; ½ oz., 25c.

ALYSSUM (Annual)

This is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It begins to blossom early in the season and blooms more or less constantly until Fall. Very useful for rock work.

Miniature. This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. 3 to 4 inches. Pkt., 15c; ½ oz., 60c.

Carpet of Snow. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. Pkt., 10c; ½ oz., 35c.

Little Gem. The best variety for bedding. Very dwarf and compact. Pkt., 10c; ½ oz., 35c.

Lilac Queen. A distinct, new annual variety with lilac shaded flowers. The plants are of dwarf compact growth. Pkt., 10c; ½ oz., 35c.

Maritimum (Sweet). Of trailing habit; flowers white. Pkt., 5c; ½ oz., 25c.

Saxatile. Hardy. A grand variety of exquisite coloring, a Golden yellow. This species is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high; May. Pkt., 10c; ½ oz., 50c.

AMARANTHUS

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

Tri-Color (Joseph's Coat). Decorative foliage plants, easily raised from seed. Useful in borders of tall plants or for the center of large beds; annual; 3 feet. Pkt., 10c; ½ oz., 25c.

Sunrise. Foliage bronzy crimson, tipped carmine. Pkt., 10c.

Choice Mixed. Pkt., 5c; ½ oz., 15c.

AMPELOPSIS

(Boston or Japan Ivy)

Veitchii. Clings to the walls of wood, stone or brick. Hardy. 20 feet. Pkt., 10c; ½ oz., 25c.

ANCHUSA (Dropmore Variety)

Italica. One of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. May and June. Pkt., 10c; ½ oz., 50c.

ANEMONE (Windflower)

A very pleasing perennial, producing large double and semi-double flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. May and June.

St. Brigid. Mixed Colors. Pkt., 10c; ¼ oz., 75c.



Anchusa

ANTIRRHINUM

Half Hardy Perennial Treated as an Annual

Antirrhinums or Snapdragons have increased in popularity within the last few years until now, when used for cutting or grown in the garden for display, they rival even the sweet pea in beauty and gracefulness. They are one of the most valuable flowers that grow from seed.

Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

LARGE FLOWERING HALF DWARF ANTIRRHINUM

	½ oz.	Pkt.
Rose Queen, brilliant rose.....	\$1.00	\$0.10
Empress, rich velvety crimson.....	1.00	.10
Fawn, terra cotta pink, suffused yellow....	1.00	.10
Golden Queen, clear yellow.....	1.00	.10
Defiance, orange scarlet.....	1.00	.10
The Bride, pure white.....	1.00	.10
Silver Pink, pearly pink self.....	1.00	.10
Mixed, varieties	1.00	.10

1 Pkt. each 7 varieties, 50c.



Antirrhinum. Large flg. Half Dwarf

ANTIRRHINUM MAXIMUM

This is a wonderful new group of Antirrhinums. The flowers are of magnificent size closely placed on the spike.

	½ Oz.	Pkt.
Copper King—Velvety Copper Scarlet.....	\$1.25	\$0.15
Golden Queen—Deep Yellow.....	1.25	.15
Purple King—Deep Glowing Purple.....	1.25	.15
Snowflake—Pure White, Yellow Tube.....	1.25	.15
The Rose—Rose Pink	1.25	.15
Mixed	1.25	.15

1 Pkt. each, 5 varieties, 70c.

TALL, LARGE-FLOWERING VARIETIES

The varieties offered below are the best and most improved of the largest-flowering sorts. The blooms are double the size of the old varieties and for a select strain of this great favorite, plant our improved strain.

	½ oz.	Pkt.
Fire King. Orange scarlet, white tube.....	\$0.75	\$0.10
Golden King. Giant yellow .....	.75	.10
Rose Queen, Deep Rose.....	.75	.10
Crimson King .....	.75	.10
Venus. Delicate Pink .....	.75	.10
Queen Victoria. White .....	.75	.10
Mixed .....	.75	.10

1 Pkt. each 6 varieties, 45c.

ANTIRRHINUM

TOM THUMB OR DWARF

Mixed. The plants grow about 8 inches high and are covered with fine stocky flower-spikes, including a wide range of colors. Pkt., 10c; ½ oz., \$1.15.

ANTIRRHINUM TALL DOUBLE

Finest Double Mixed, Pkt., 15c; ¼ oz., \$1.25.

ANTHEMIS

(Hardy Marguerite)

Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting, 2 ft. Pkt., 10c; ¼ oz., 30c.

AQUILEGIA (Columbine)

Few hardy perennials are so easily grown from seed. A most desirable border plant. It forms large clumps, blooms early, long and abundantly, is useful for cutting and elegant in habit. Sow in the fall for flowering the following season.

Mrs. Scott Elliott's Strain of Long Spurred Hybrids.

The blooms are of large size and the spurs very long. Very useful for rock work. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. Pkt., 15c; ¼ oz., 75.

Chrysantha. Golden-yellow. Pkt., 10c.

Silver Queen. Long spurred pure white flowers. Pkt., 15c.

	Pkt.
California Hybrids—Exquisite flowers.....	\$0.10
Canadensis. Old Rose and yellow.....	.10
Coerulea. Splendid light blue and white.....	.10
Double. All colors mixed.....	½ Oz., 50c .10
Single. All colors mixed	½ Oz., 40c .10

ARABIS (Rock Cress)

Alpina. A hardy perennial and one of the earliest and prettiest Spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. 6 inches. Pkt., 10c; ½ oz., 40.

ARCTOTIS GRANDIS

Blue-Eyed, or African Daisy. White and Lilac. The large daisy-like blooms of this fine, hardy annual are excellent for cutting. 2 feet. Pkt., 10c; ½ oz., 40c.

ARGEMONE (The Prickly Poppy)

Hybrida Grandiflora. An easily grown annual with attractive whitish green foliage, having a white mid-rib and fine white spines on the margin. The plants grow 2½ to 3 feet tall. They are of bushy habit and bear a profusion of single Poppy-like blooms from July until frost. Color, pink, yellow to richest golden yellow. Excellent for mixed borders. Sow where to bloom. Pkt., 10c; ½ oz., 40c.

ASTERS (Annuals)

Choicest Varieties for Summer Flowering.

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have open, sunny position, and prefer a good heavy, loamy soil. For early flowering, seeds should be started in a sunny window, hotbed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (Midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between.

EARLY WONDER ASTER

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." The form is that of "Giant Comet" type; the flowers are large and very double. 18 inches.

	Pkt.		Pkt.
White	\$0.10	Light Blue .....	.10
Rose .....	.10	Dark Blue .....	.10
Finest Mixed.....	.10	Lavender .....	.10

1 Pkt. each, 5 varieties, 40c.

"QUEEN OF THE MARKET" ASTER

An extra early variety, bearing large double flowers; plants of branching habit, having long stems, 2 feet.

	½ Oz.	Pkt.
White	\$0.60	\$0.10
Lavender .....	.60	.10
Light Blue .....	.60	.10
Dark Blue .....	.60	.10
Crimson .....	.60	.10
Blush Pink .....	.60	.10
Purple .....	.60	.10
Rose .....	.60	.10
Mixed .....	.60	.10

1 Pkt. each, 8 varieties, 55c.

EARLY AMERICAN BEAUTY ASTER

This variety is similar in type of flower and growth to the well-known Late Branching Asters. The flowers are fully double to the last. Each plant forms a perfect bush. 2 to 3 ft.

	Pkt.		Pkt.
Crimson	\$0.15	White	\$0.15
Lavender .....	.15	Delicate Pink .....	.15
Purple .....	.15	Mixed, ¼ Oz., 75c; .....	.15
Rose Pink.....	.15		

1 Pkt. each, 6 varieties, 65c.

IMPR. GIANT CREGO ASTERS

In the garden Crego's Giant Asters are valuable because they form a well-rounded, compact plant about 2 feet tall. They are classed as a mid-season type, filling in the season between the early and late Asters.

	¼ Oz.	Pkt.
Crimson	\$0.50	\$0.10
White .....	.50	.10
Azure Blue .....	.50	.10
Pink .....	.50	.10
Shell Pink .....	.50	.10
Lavender .....	.50	.10
Purple—Bright .....	.50	.10
Rose—Rich deep rose.....	.50	.10
Mixed .....	.50	.10

1 Pkt. each, 8 varieties, 55c.

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings. Dwarf compact plants with grass-like foliage and large clover-like flower-heads. The blooms are bright rose, carried on stems 12 inches long. Plant in a rich, moderately moist, sunny location. Pkt., 15c.

AUBRIETIA (Rainbow Rock Cross)

Large-flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer; 6 inches. Perennial. Pkt., 15c; ¼ oz., 75c.

CALIFORNIA GIANT ASTERS

The flowers are much larger and more substantial than the Improved Crego. They measure 5 to 6 inches in diameter. Their immense size and beauty, as well as their long and sturdy stems make them very attractive. 3 ft.

	Pkt.		Pkt.
Dark Purple	\$0.15	Peach Blossom	\$0.15
Deep Rose .....	.15	White .....	.15
Light Blue .....	.15	Mixed ...¼ Oz., 75c .....	.15
Light Purple .....	.15		

1 Pkt. each, 6 varieties, 65c.



ASTERS

"New" Sunshine. A beautiful new type of Aster, forming well-branched bushes carrying a profusion of excellent long-stemmed flowers. The outer petals are long and narrow, whereas toward the center the petals are tubular, with a four-pointed star at the end. Excellent for garden display and particularly fine for cutting. **Pkt., 15c.**

ST. L. S. CO.'S LATE BRANCHING ASTERS

The superb strain of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

	¼ Oz.	Pkt.		¼ Oz.	Pkt.
Pure White.....	\$0.40	\$0.10	Flesh Pink.....	\$0.40	\$0.10
Light Blue.....	.40	.10	Lavender .....	.40	.10
Rose .....	.40	.10	Crimson .....	.40	.10
Purple .....	.40	.10	Mixed .....	.40	.10
1 Pkt. each, 7 varieties, 50c.					

1 Pkt. each, 7 varieties, 50c.

GIANT COMET ASTERS

Flowers of immense size, often 4 inches across, composed of long, wavy, twisted petals, gracefully formed. Mixed, Pkt., 10c; ½ oz., 75c.

ST. L. S. CO.'S NOVELTY MIXED ASTERS

This superb mixture is composed of all new novelties of recent introduction. The plants form strong, branching bushes, 2 to 3 feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers. **Pkt., 15c; ½ oz., \$1.25.**



Aster St. L. S. Co's. Late Branching



CHINA ASTERS

Single Mixed. Within late years the single Asters have gained in favor with the flower lovers. Our mixture contains all the leading colors, well blended. 2 ft. Pkt., 10c; ½ oz., 50c.

CHRYSANTHEMUM-FLOWERED ASTERS

Bushy plants, bearing large perfectly double flowers, fine for either gardens or pot culture. 12 inches. **Finest Mixed Colors. Pkt., 10c; ½ oz., \$1.00.**

HARDY PERENNIAL ASTER

Mixed (Michaelmas Daisies). Single fall-flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet. **Pkt., 15c; ¼ oz., 75c.**

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 3 to 10 in. high and bears large showy bluish purple flowers in May and June. **Mixed. Pkt., 15c.**

ASPARAGUS

Plumosus Nanus (Lace Fern). 3 ft. The bright green sprays surpass the Maiden-hair Fern in grace and delicacy of texture. **Pkt., 10c.**

Sprengeri (Emerald Feather). A very elegant foliage plant for hanging baskets, etc.; the minute flowers, which are produced in pretty racemes, are of a rose color with orange anthers. **Pkt., 10c.**

AURICULA (Primula Auricula)

Mixed. Beautiful low growing, early spring flowering plants; fine for borders, pot culture, etc.; half-hardy perennial; 6 inches; May. **Pkt. 10c.**

BALLOON VINE (Love-in-a-Puff)

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. .5 to 10 feet. **Pkt., 5c; ½ oz., 20c.**



Balsam

BALSAM (Lady Slipper)

An old favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion. Seed should be started in boxes indoors or in the open ground when danger of frost is past. The plants must not suffer for moisture. Tender annuals, 2 feet.

Camellia Flowered Double. The flowers are very large, measuring from two to three inches in diameter, of perfect form.

	Pkt.
White	\$0.10
Light Pink .....	.10
Scarlet .....	.10
Salmon Rose .....	.10
Mixed—oz., 60c.....	.10
Rose Flowering. Double Mixed—oz., 40c.....	.05

1 Pkt. each 4 varieties, 30c

BALSAM APPLE (Mormordica)

A very ornamental and quick-growing climber. While it has a flower, it is grown mostly for the effect of the fruit which follows. When ripe it opens and shows the seeds and blood-red interior. The fruit preserved in alcohol make a useful liniment. Pkt., 10c; oz., 35c.

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant 3 feet high; dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July. Pkt., 15c.

BEAN, SCARLET RUNNER

A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans. Pkt., 10c; ¼ lb., 25c; 1 lb., 60c.

BEGONIA

A beautiful flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming.

Prima Donna. Light rose, shading to carmine. 10 inches. Pkt., 15c.

Erfordia. Should be started either indoors or in a hotbed. Pink, 10 inches. Pkt., 15c.

Luminosa. Brilliant, fiery, dark scarlet. 10 inches. Pkt., 15c.

Rosabelle (New). Rose pink. Pkt., 25c.

Dwarf Vernon. Bright orange-carmine flowers, deep red foliage. 6 inches. Pkt., 15c.

Fine Mixed. Similar to above, mixed. Pkt., 10c; ½ oz., 75c.

BELLIS-PERENNIS OR DOUBLE DAISY

Greatly improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. About 6 inches.

	Pkt.
Double Red	\$0.10
" Rose .....	.10
" White—Pure White.....	.10
" Mixed Colors ¼ oz., 75c.....	.10
1 Pkt. each 3 varieties, 25c	

Shasta Daisy. See Page 54-72.

Daisy African Golden. See Page 54.

BOCCONIA (Plume Poppy)

Cordata. A splendid, hardy perennial, with glaucous green foliage, and bearing freely, spikes 2 to 3 feet long of creamy white flowers; 6 to 8 ft. Pkt., 10c; ½ oz., 40c.

BOLTONIA

Latisquama. A sturdy, tall-growing perennial, 5 to 6 feet high, bearing a profusion of star-shaped, pinkish lavender blooms during September and October. An excellent cut-flower and very draught resistant. Pkt., 15c; ½ oz., 50c.

BRACHYCOME (Swan River Daisy)

Iberidifolia. Mixed. Delightful blue and white flowers resembling Cinerarias, borne on slender stems, with graceful foliage. Plants are profuse bloomers. Very useful for edging work and make pretty pot plants in Winter. Sow seed in hotbed in March. Height 12 inches. Pkt., 10c; ½ oz., 50c.

BROWALLIA

Speciosa Major. A beautiful large-flowering variety of the most brilliant ultramarine blue, a rare color; does finely outside in the border, or in hanging-baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering. Pkt., 25c.



Double Daisy (Bellis Perennis)

CACALIA (Tassel Flower)

A pretty free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Annual; 18 inches. Pkt., 10c; ½ oz., 25c.

CALENDULA (Annual)

Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 1½ feet.

Radio (New). The true Radio form is a medium-sized orange flower with quilled or comet petals, curled and twisted. Pkt., 15c.

Campfire. A distinct new type originating from our florist's strain of Orange King. The color of the petals is brilliant orange. Pkt., 15c.

Lemon Queen. Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye. Pkt., 10c; ½ oz., 50c.

Orange King. Very large, double orange-red. Pkt., 10c; ½ oz., \$1.25.

Meteor. Creamy center, edged with orange. Pkt., 10c; ½ oz., 30c

Nankeen. Double flowers of a creamy-yellow, slightly flushed apricot, dark brown eye. Pkt., 10c; ½ oz., 40c.

Mixed, Pkt., 5c; oz., 50c.

1 Pkt. each 6 varieties, 50c.

CALLIOPSIS (Annual)

One of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn.

Crimson King. A fine dwarf sort, 12 inches high; color, rich velvety crimson-garnet. Pkt., 10c; ½ oz., 30c.

Crown of Gold. Large, rich, golden-yellow, 18 inches. Pkt., 10c; ½ oz., 30c.

Golden Ray. Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden yellow. Pkt., 10c; ½ oz., 25c.

Superb Hybrids, Mixed. Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied.

Height, 12 inches. Pkt., 10c; ½ oz., 35c.

Tall Mixed. Valuable for mixed beds and borders. About 2 to 3 feet. Pkt., 50c; oz., 40c.

CALCEOLARIA (House Plant)

A much admired showy, slipper-like flower; various shades. **Finest Mixed.** Pkt., 25c.



Calendula

CAMPANULA**Medium or Canterbury Bells**

The seeds should be sown by mid-April, in finely prepared, rich soil and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted to the places where they are to bloom the following summer; a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

MEDIUM CALYCANTHEMA**Cup and Saucer Canterbury Bells**

This is unquestionably the finest type of this old-fashioned and much prized garden plant.

	Pkt.		Pkt.
Blue	\$0.10	Rose	\$0.10
White .....	.10	Striped .....	.10
Mixed .....			.10

1 Pkt. each 4 varieties, 30c.

SINGLE CANTERBURY BELLS**Campanula Medium**

Showy, hardy biennial, growing about 3 feet high with large bell-shaped flowers. Sow from June 1st till September 1st.

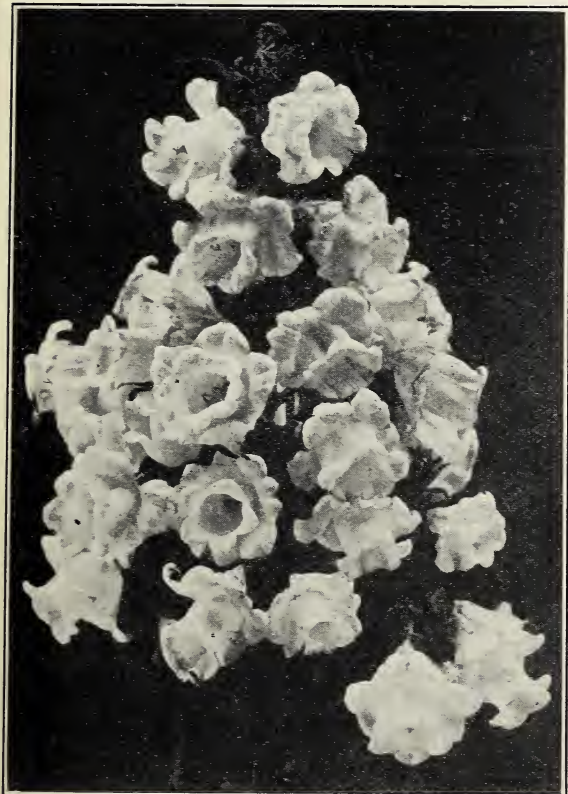
	Pkt.		Pkt.
Single Blue.....	\$0.10	Single White.....	\$0.10
Single Rose.....	.10	Single Mixed.....	.10

1 Pkt. each 3 varieties, 25c.

Carpatica Blue (Carpathian Hare Bell). Free-flowering hardy perennial, continuing in bloom the whole season; color, clear blue; grows 8 inches high; especially good for edging and rock-garden. Pkt., 10c.

Carpatica White. The white-flowered form of the above. Pkt., 10c.

Pyramidalis (Chimney Bellflower). Perfect pyramids 4 to 6 feet high, with large bell-shaped flowers, blue and white mixed. Pkt., 15c.



Campanula or Canterbury Bells



Candytuft Giant Hyacinth
Flowered

CANARY BIRD VINE (*Tropaeolum Canariense*)

A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. 15 feet. Pkt., 10c; ½ oz., 25c.

CANDYTUFT (*Iberis*) (Annual)

The Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work.

If sown in spring in rich, mellow soil the plants will usually bloom from July to September or if in the fall will be likely to blossom from the last of May to July. Make rows about one foot apart and cover the seeds with about one-fourth inch of fine soil firmly pressed down. When two inches high thin to four inches apart in the row. Larger flowers are obtained if some of the branches are removed, and an abundance of water is desirable.

Empress. The best, pure white and the best for cut flowers; fragrant. 1 ft. Pkt., 10c; ½ oz., 30c.

Giant Hyacinth-flowered. White. As a result of extra care and painstaking selection this is now the finest of all flowers, in a pyramid of bloom. 1 ft. Pkt., 10c; ½ oz., 35c.

CANDYTUFT (*Umbellata*)

They bloom in about eight weeks from the time of sowing, and in order to keep up a succession of bloom two sowings should be made at intervals of about two weeks. For best results give each plant sufficient space for full development, not less than six inches apart and nine inches is better. Highly useful for cutting.

	½ Oz.	Pkt.
Carmine	\$0.25	\$0.10
Crimson .....	.25	.10
Lavender .....	.25	.10
Rose Cardinal.....	.25	.10
White .....	.25	.10
Mixed .....	.25	.10
1 Pkt. each 5 varieties, 40c.		



Carnation

CARDINAL CLIMBER

We consider it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from Mid-Summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. Pkt., 10c; ½ oz., 50c.

CANNA (Annual)

Cannas are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. Soak seed in warm water. Mixed, Pkt., 10c; ½ oz., 25c.

CARNATION

Chabaud's Giant. Blooms in five months after being sown and continues to bloom throughout the summer; flowers of fine substance and usually produce 90 per cent double flowers.

	½ Oz.	Pkt.
Dark Red.....	\$1.25	\$0.15
Deep Rose	1.25	.15
White	1.25	.15
Yellow	1.25	.15
Finest Mixed.....	1.25	.15

1 Pkt. each 4 varieties, 45c

Marguerite Mixed. Pkt., 10c; ½ oz., 50c.

CARNATION (Hardy Grenadin)

This is a very fine strain, particularly adapted for garden planting. Seed sown in the Spring will produce large and thrifty clumps that will stand out over winter and bloom throughout the following Summer and Fall.

Dwarf. Double Scarlet.....	\$0.20
" White .....	.20
" Rose .....	.20
" Mixed .....	.15

1 Pkt. each 3 varieties, 50c.



Candytuft, Umbellata

CELOSIA (Coxcomb) (Annual)

Beautiful plumes of brilliant colors. Being fine for vases, and of splendid foliage. Seed may be sown outdoors as early in spring as ground is warm and dry, using if possible light rich, well pulverized soil, and giving plenty of moisture. For larger and more beautiful plumes start the seed very early indoors and transplant to place when weather is settled. Also adapted for growing in pots in greenhouse and conservatory. Half hardy annuals.

Thompson's Magnifica. All colors mixed; 2 feet. Pkt., 10c; ½ oz., 35c.
Tall Crimson, Pkt., 10c; **Tall Golden,** Pkt., 10c.

CELOSIA DWARF

Glasgow Prize. The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. Pkt., 10c; ¼ oz., \$1.00.

Golden Queen. Dwarf Golden. Pkt., 10c; ¼ oz., 75c.

Dwarf mixed, Pkt., 10c; ½ oz., \$1.00.

Celosia Childsii. See Woolflower on page 77.



Celosia (Coxcomb)

CENTAUREA (Annual)

(Corn Flower, or Bachelor's Button)

Sow seed in early spring and transplant to open ground or sow in open ground as soon as the weather is warm and settled. Cover seed about one-fourth inch deep; thin to three or four inches apart. Fine for bedding or borders. The young plants are very sensitive to wet, and care should be taken to prevent water standing on the leaves. Seeds sown in fall will come up in spring; 3 ft.

Cyanus Double White. Pkt., 10c; ½ oz., 35c.

Double Blue. This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. Pkt., 10c; ½ oz., 35c.

Double Rose. A splendid variety for cutting, color clear rose-pink. Pkt., 10c; ½ oz., 35c.

Cyanus Double Mixed. A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Pkt., 10c; ½ oz., 35c.

1 Pkt. each, 3 varieties, 25c.

IMPERIALIS (Royal Giant Sultans)

This class produces large, very double, finely lacinated flowers of graceful form and delicious fragrance. They are very desirable for cut flowers and will often last for over a week when placed in water. They should be cut before the blossoms are fully opened.

Bushes are from 2½ to 3 feet in height, flowers are finely fringed, soft and feathery and frequently 3 inches across. Fine for cutting.

	Pkt.		Pkt.
Brilliant Pink	\$0.10	Rose	\$0.10
Lavender .....	.10	White .....	.10
Purple .....	.10	Red .....	.10
Mixed	½ oz., 40c;		.10

1 Pkt. each, 6 varieties, 40c.

VARIOUS CENTAUREAS

Suaevolens (Yellow Sweet Sultan). Showy, bright yellow, fragrant blossoms. Pkt., 10c.

Americana. By far the largest flowering of all the annual Centaureas. The plants grow 3 feet tall and produce during July and August mammoth blooms composed of many delicate petals of a bright lilac-blue shade. The blooms often measure 5 inches in diameter. Plant in a sunny spot which is well drained. Pkt., 10c; ½ oz., 50c.

Montana (Hardy Cornflower). Violet blue; 18 inches. Pkt., 10c; ½ oz., 40c.

ORNAMENTAL LEAVED CENTAUREA (Dusty Miller)
Candidissima. For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seeds. Silvery white, finely cut leaves. 15 inches. Pkt., 10c; ¼ oz., 50c.

Gymnocarpa. Leaves not so white as the above. 1½ to 2 feet. Pkt., 10c; ½ oz., 40c.

CERASTIUM (Snow in Summer)

Tomentosum. Dwarf, perennial plant, for edgings and rockeries; silvery foliage and white flowers. Pkt., 10c; ¼ oz., 40c.



Imperialis (Giant Royal Sweet Sultans)



Chrysanthemum

CHEIRANTHUS

Allionii (Siberian Wallflower). 12 in. Flowers brilliant orange-yellow. A biennial but it will bloom freely from seed the first year. Pkt., 15c; ½ oz., 40c.

CHRYSANTHEMUMS (Annual)

There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed.

Bridal Robe. Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of double pure white flowers. Pkt., 15c.

Carinatum. Owing to its magnificent golden yellow, white and red shades, it is fast becoming a florist favorite; 20 inches.

	Pkt.
Double Purple King	\$0.10
Double White .....	.10
Double Yellow .....	.10
Double Red .....	.10
Double Mixed .....	.10
Single Fine Mixed, ½ oz., 25c.....	.10

1 Pkt. each 4 varieties, 30c.

Early Flowering Double and Semi-Double Mixed. A perennial variety, which can also be treated as an annual, blooming the first year from seed. Pkt., 25c.

Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet. Pkt., 25c.

CINERARIA (House Plant)

Magnificent flowering plants for Spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet.

Giant Prize. Semi-Dwarf, Extra; 1 ft. Pkt., 20c.

Multiflora Nana Potsdam. This is an extra fine dwarf select mixed variety, nothing better; 10 inches. Pkt., 25c.

CLIMBERS (Rapid Mixture)

This mixture contains flowers of gigantic size, and coloring and markings beyond description and embraces all variations, which are really the most handsome, semi-doubles. Annual. Pkt., 10c; oz., 25c.

CLARKIA ELEGANS

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut.

	½ Oz.	Pkt.
Double White. Very double, pure white..	\$0.40	\$0.10
Double Scarlet Queen. Rich crimson scar-		
let; very double.....	.40	.10
Double Salmon Pink. Extra double, sal-		
mon pink .....	.40	.10
Double Orange Scarlet. A brilliant		
orange-scarlet .....	.40	.10
Double Mixed. A fine mixture containing		
all the colors.....	.40	.10
1 Pkt. each 4 varieties, 30c.		

CLEMATIS

Hybrids (Mixed). The best known and most valued variety. A great variety of colors. Hardy. Pkt., 15c.

Paniculata (Climbing). 15 ft. Fall-flowering vine with white flowers. Hardy. For plants, see page 80. Pkt., 10c; ½ oz., 40c.

CLEOME (Giant Spider Plant)

Large spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. Annual.

Gigantea. The finest strain. Pkt., 10c; ½ oz., 35c.

COBAEA (Cup and Saucer Vine)

A rapid growing climber with handsome dark green foliage, bearing on graceful stems large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. A wire netting trellis or support for the many green tendrils to fasten upon is preferable to cords or smooth wire.

Scandens, Blue. Large, bell-shaped purple flowers. Pkt., 10c; ½ oz., 50c.

Scandens, White. Pure white. Pkt., 10c; ½ oz., 60c.

COLEUS

Coleus, grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. Tender perennial. Fine Mixed. Pkt., 20c; ¼ oz., \$1.00.



Cineraria. Giant Prize

CORN RAINBOW (Ornamental)

Zea Japonica. A stately plant growing 5 to 6 feet tall, with broad and long leaves which are superbly striped with red, rose, yellow, white, and bronze. Plant the seeds early in the spring. Excellent for background planting, for hiding unsightly corners, or for separating the vegetable from the flower garden. Of fine tropical appearance. **Pkt., 10c; oz., 25c.**

COREOPSIS

Lanceolata Gr. Fl. One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the Summer; unequaled for cutting; grows anywhere. **Pkt., 10c; ½ oz., 30c.**

Lanceolata Grandiflora Fl. Pl. (Double Flowering Coreopsis). Similar in habit to the above flowers; double and semi-double; splendid for cutting. 3 ft. **Pkt., 15c; ½ oz., 50c.**

COSMOS

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Excellent for cutting.

EXTRA EARLY DOUBLE CRESTED COSMOS

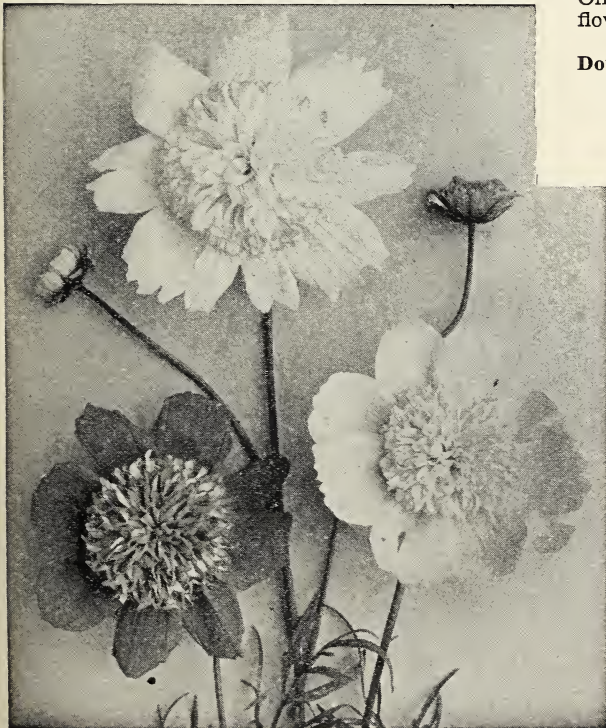
This beautiful double Cosmos will bloom as early as the Mammoth Early Single variety. Plants grow from 3 to 5 feet tall. Our strain will give about 65% of double flowers from seed, the other 35% being semi-double and single.

Pkt.**Pkt.**

Pink10c Crimson10c

White10c Mixed, ¼ oz., 75c 10c

1 Pkt. each 3 varieties, 25c.

**Double Cosmos****Early Cosmos****DOUBLE COSMOS (Late)**

These new hybrids form bushy plants 5 to 6 feet high and flower profusely during the Autumn months. Only 40 to 50 per cent of the plants will bear double flowers, the balance producing large single blossoms.

	½ Oz.	Pkt.
Double Pink Beauty.....	\$0.75	\$0.10
“ White Queen.....	.75	.10
“ Crimson King.....	.75	.10
“ Mixed .....	.75	.10

1 Pkt. each 3 varieties, 25c

MAMMOTH EARLY

The long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. 4 ft.

	½ Oz.	Pkt.	½ Oz.	Pkt.
Crimson	\$0.35	\$0.10	Pink	\$0.35 \$0.10
White .....	.35	.10	Mixed .....	.35 .10

1 Pkt. each 3 varieties, 25c

GIANT FLOWERING (Late)

Broad petals, oval-shaped, and overlapping, and the perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit.

	½ Oz.	Pkt.
Crimson	\$0.25	\$0.10
Orange (Klondike) 1½ ft.....	.40	.10
Finest Mixed .....	.25	.10
Lady Lenox, Pink. Lovely shell pink. Pkt., 10c;		
½ oz., 25c.		

Lady Lenox, White. A fine pure white selection from the above. **Pkt., 10c; ½ oz., 25c.**

Hybrida Finest Mixed. Our seed is all grown from our special strain; 4 feet. **Pkt., 5c; oz., 35c.**

1 Pkt. each 4 varieties, 30c



Dahlia

COTTON (Annual)

Grown extensively for decorating purposes. Very showy and attractive. 3 ft. Pkt., 10c; oz., 20c.

COWSLIP

See Primula Veris, Page 71.

CUPHEA

A very pretty border plant. Very showy for borders and bedding. Dwarf habits. 1 ft. Annual. Pkt., 15c.

CYCLAMEN (House Plant)

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class. They are among the best plants recommended for house culture, as they thrive well and bloom profusely in the average temperature of the living room. Mixed. Pkt., 25c.

CYNOGLOSSUM

(Chinese Forget-me-not)

Amabile. An annual recently introduced from China; of the easiest culture, forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers, delicately sweet scented. Pkt., 15c; ½ oz., 40c.

CYPERUS (Umbrella Plant)

Alternifolius. An excellent plant for growing in water and damp places, makes a very ornamental house plant, always presenting a green and attractive appearance. Pkt., 10c.

CYPRESS VINE (Annual)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seed in warm water for a few hours. 15 ft.

	Oz.	Pkt.
Scarlet	\$0.25	\$0.10
White .....	.25	.10
Mixed .....	.20	.05

DAHLIA

Dahlias can be grown easily from seed so as to produce flowers the first year. In it can be found beautiful combinations of colors and marvelous blending of shades and tints. 3 to 4 ft.

		Pkt.
Double Mixed.....	¼ oz., \$0.50	\$0.10
Single Mixed.....	½ oz., .40	.10
Cactus Mixed.....	¼ oz., .75	.15

St. Louis Seed Co.'s Dwarf Large flowering Hybrids Dahlia.

A new selection of unusual grace with giant flowers and comprising the very best types and colorings in existence. Sow seed early in spring and you will have flowers during July. A very dwarf Single Dahlia. 1½ ft. Mixed. Pkt., 25c; ¼ oz., \$1.00.

DAISY

Aurantiaca—African Golden Daisy. (Dimorphotheca) 1 ft.

Rare and showy annual from South Africa, having daisy-like flowers of a glossy-salmon-orange shade with black central ring, a lovely color when flowers open in the sun. Pkt., 10c; ½ oz., 50c.

Shasta Daisy (Alaska.) Splendid perennial plants with large single white flowers with yellow centers.

Seed may be sown in the open ground early in spring but better results are usually obtained from sowings made in boxes indoors and plants set out after they have made some growth. Height 3 ft. Pkt., 10c; ¼ oz., 50c.

DATURA

Angel's "Trumpet." A new annual variety and exceedingly fine, bearing great trumpet-like white and lilac flowers, 6 to 8 inches long; plants 2 feet high. Pkt., 10c; ½ oz., 35c.



African Golden Daisy (Dimorphotheca)

DELPHINIUM (Perennial Larkspur)

There is perhaps no better known hardy plant than the Delphinium. The delphiniums are the most beautiful hardy plants in cultivation, for they have such an immense variety of beauty and increase in size, in beauty, and often in quantity, year after year. Some varieties grow 8 feet high in rich soil. They have immense spikes of most beautiful flowers of every imaginable shade of blue, and their season is long; in fact, they will bloom from Spring till Fall.

The culture of Delphiniums is exceedingly simple. Seeds sown in beds or flats during August, September and October will bloom the following spring. Cover the seed lightly and shade the seed bed during August and September. The first transplanting may be made when plants are sufficiently large, spacing them about 6 inches apart. They thrive in almost any position, and may be planted at any time of

the year, provided that in Summer the plants are not too forward, and that they be well watered if the weather is dry. The soil may be a rich, friable loam, which suits them finely; but any soil, even hot and sandy, if well watered and manured, will give excellent results. Placed in lines, as a background to a border, or in groups of, say, three plants at intervals, the effect of the Delphinium is exceedingly fine. A succession of flowers may be expected from Spring to early Autumn, especially if the spikes, which have done flowering early, be cut down to the ground; fresh growth will then be produced which will give blossoms. Watering in Summer will increase size of spike and flower. Top-dressing is greatly recommended on certain soils, instead of the bare surface of the ground being left exposed to the sun.

English Wrexham Hollyhock Strain. Their graceful spire shaped spikes of enormous size and beauty of form are rapidly bringing them to the front as the most popular flower for cutting or the garden. This mixture contains all the colors in Delphiniums, including both double and single flowers. Pkt., 35c; ¼ oz., \$1.25.

Belladonna. This is one of the finest and most continuous blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. They are our best blue cut flowers, are perfectly hardy and established plants produce a number of spikes. Pkt., 15c; ¼ oz., 75c.

Bellamosa. A dark blue of the type of Belladonna with the color of the old Formosum variety. Pkt., 15c; ¼ oz., 90c.

Mrs. E. Stillwell. Rich clear blue, rose markings; centre white and blue; semi-double. Pkt., 35c.

St. L. S. Co.'s Large Flg. Hybrids. The strain we offer is not only replete with a range of remarkably handsome shades but has the additional quality of giving individual florets of immense size and handsomely formed spikes. The colors range from palest sky blue through such shades and colors as indigo, sapphire, dark blue, purple, violet, corn-flower blue, etc. Pkt., 25c; 5 Pkts., \$1.00.

St. L. S. Co.'s Double Hybrids. A splendid mixture of large double flowering varieties. Pkt., 15c.

Chinese Blue. A lovely azure blue Delphinium flowering from the seed the first season if the seed is sown in early spring. The height is twelve to eighteen inches. Excellent for Rock Garden. Pkt., 10c.

Chinese White. The white-flowered form of the preceding. Pkt., 10c.

Chinese Mixed. A very pleasing mixture containing dark blue, light blue and white. Pkt., 10c; ¼ oz., 35c.

DELPHINIUM PLANTS

1 Year Old, Ready April 15th to May 10th

Belladonna Improved. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. Clear turquoise blue.

Bellamosa. This is a dark blue form of the popular light blue Belladonna, with which it is identical in habit of growth, freedom of bloom and other good qualities.

Price of the above 25c each; \$2.50 per doz.; \$15.00 per 100.



English Wrexham Delphinium



Dianthus or Pinks

DIANTHUS OR PINKS

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming perfectly until fall.

DOUBLE ANNUAL

- Fireball.** Double brilliant scarlet. Pkt., 10c; ½ oz., 50c.
Snowball. Large double white. Pkt., 10c; ½ oz., 50c.
Laciniatus Fl. Pl. (Double Fringed Pink). Large double flowers, edges fringed; in a great variety of colors. Pkt., 10c; ½ oz., 50c.
Chinese Dble. Mixed (China or Indian Pink). Blooms in clusters, flowers very double and bloom in a large range of bright colors. Pkt., 5c; ½ oz., 25c.

SINGLE ANNUAL

These single sorts contain beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds.

Nobilis (Single Mixed). A beautiful fringed variety. Pkt., 10c; ½ oz., 50c.

HARDY GARDEN PINKS

Large Flowering Grass or Spice Pinks. These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

Plumarius Single Mixed (Pheasant's Eye). Pkt., 10c; ½ oz., 30c.

Plumarius Double Mixed. Pkt., 10c; ¼ oz., 65c.

Allwoodi (New Perpetual-flowering Hardy Pinks). The seed which we offer comes to us direct from the introducer, a noted English specialist. They flower continuously from Spring until Autumn. Pkt., 25c.

Caesius (Cheddar Pink). A splendid rock plant, forming dense tufts a few inches high and sweet scented bright rosy-pink flowers in May and June. Pkt., 15c; ¼ oz., 50c.

Deltoides (Maiden Pink). Dwarf carmine. Pkt., 15c.

DICTAMNUS (Gas Plant)

A very showy, hardy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July. Seed somewhat slow in germinating. Mixed. Pkt., 15c.

DIDISCUS

Coeruleus (Blue Lace Flower). An annual, blooming from July until frost; color, pale lavender; excellent for cutting. Pkt., 10c; ¼ oz., 40c.

DIGITALIS (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half shady places; 3 to 5 feet. Giant mixed. Pkt., 10c; ½ oz., 40c.

DOLICHOS (Hyacinth Bean)

A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

White. Pkt., 5c; oz., 15c.

Purple. The most beautiful purple. Pkt., 5c; oz., 15c.

Mixed Colors. Pkt., 5c; oz., 15c.

Lignosis (Australian Pea Vine). A rapid growing, ever green climber, flowering freely in clusters of rose pea-shaped flowers. For covering arbors, trellises, etc. Pkt., 10c; ½ oz., 40c.

DRACAENA (Indivisa) (Dragon Plant)

Beautiful ornamental-leaved plants; long, narrow green foliage; indispensable for vase and house decorations. Pkt., 10c; ½ oz., 50c.

ERYSIMUM

This Annual Border Plant is one of the sweetest scented annuals in cultivation. It is a beautiful orange yellow. 3 feet.

Perofskianum. The favorite orange coloring. Pkt., 13c; ½ oz., 25c.



Didiscus (Blue Lace Flower)

ESCHSCHOLTZIA (California Poppies)

Beautiful and popular annuals, being of the easiest culture and giving great satisfaction. From Spring-sown seeds they flower profusely until late in the Autumn, making them invaluable bedding plants.

Californica. Bright yellow. Pkt., 10c; ½ oz., 25c.
Carmine King. Carmine-rose. Pkt., 10c; ½ oz., 25c.
Mandarin. Red flowers, orange and scarlet. Pkt., 10c; ½ oz., 25c.

Mixed, Pkt., 5c; oz., 35c.

1 Pkt. each 3 varieties, 25c.

EUPHORBIA (Poinsettia)

Variegata (Snow-on-the-Mountain). Is very popular. Green foliage, veined and margined white; 2 to 4 feet; annual. Pkt., 10c; ½ oz., 35c.

Heterophylla (Mexican Fire Plant or Fire-on-the-Mountain). An annual, resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Pkt., 10c; ½ oz., 50c.

FERNS

A beautiful plant used for foliage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam.

Fine Mixed. Greenhouse species. Pkt., 20c.

Hardy. Species for outdoor. Pkt., 20c.

FORGET-ME-NOT (Myosotis)

These daintily elegant little flowers are hardy perennials, if given slight protection through the winter, that love cool, moist soil, and like pansies, bloom most freely in the Fall and Early Spring.

Alpestris Robusta Grandiflora. This Forget-me-not plant is of compact habit with glossy dark green foliage. Pkt., 10c; ¼ oz., 50c.

Palustris Semperflorens. An ever-blooming variety beginning in May and continuing till Autumn. An excellent variety for Rock Garden. Large, clear, blue. Pkt., 10c; ¼ oz., 75c.

Indigo Blue. Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 inches. Pkt., 10c; ¼ oz., 50c.

Oblongata Perfecta. A very fine variety for forcing. Long stems, deep blue flower. Pkt., 10c; ¼ oz., 50c.

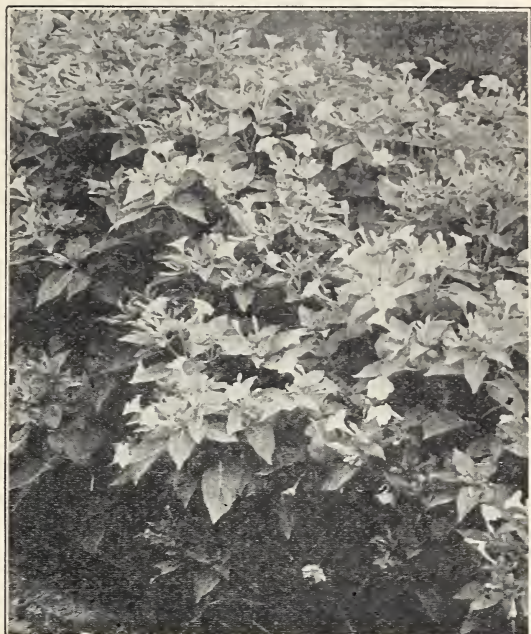
Victoria Dwarf (Alpetris). Bright azure blue. Very early Dwarf. Pkt., 10c; ¼ oz., 50c.

Mixed. A pretty trailer. Pkt., 10c; ¼ oz., 40c.

1 Pkt. each 5 varieties, 40c.



Forget-Me-Not



Four O'Clock, or Marvel of Peru

FEVERFEW (Matricaria)

An old garden favorite. This is the hardy annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work.

Double White. About 2 feet. Pkt., 10c; ½ oz., 35c.

Golden Ball. Beautiful yellow. Pkt., 10c; ¼ oz., 75c.

FOUR O'CLOCKS

Four O'Clocks, or Marvel of Peru. This is another good old-fashioned flower of bushy habit bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Annual, 2 ft. Pkt., 5c; oz., 15c.

Foxglove. See Digitalis, page 56.

FUCHSIA (Eardrops)

Finest Mixed. This elegant pot variety is one of our showiest plants. Pkt., 25c.

GERANIUMS

These grow readily from seed and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed.

Zonale, Mixed. Pkt., 10c; ¼ oz., 65c.

Apple Scented. Highly esteemed on account of its fern-like fragrant foliage; 1 foot. Pkt., 25c.

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Hybrida. These hybrids include many brilliant colors and shades. Pkt., 25c.

GILIA

Gilia is attractive and graceful, with small round flower-heads borne profusely on plants 15 to 24 inches tall. The plants begin blooming in 10 to 12 weeks after sowing. Very free flowering. Blooms for many weeks and is excellent for cutting.

Capitata Blue. A most charming bright blue. Of easiest culture and very showy. Pkt., 10c; ½ oz., 35c.



Gaillardia

GAILLARDIA

(Blanket Flower) Annual Varieties

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

Sow seed outdoors early in Spring; cover one-fourth inch deep. Make rows eighteen inches apart and thin eight to ten inches apart in the row.

Annual Double. A splendid variety of mixed colors. Pkt., 10c; ½ oz., 35c.

Annual Single. Highly colored as the Perennial. Pkt., 10c; ½ oz., 35c.

HARDY PERENNIAL GAILLARDIA

Grandiflora. Showy garden plants for beds or borders, producing from early summer until fall, gaily colored single flowers of scarlet and orange. The flowers should be kept picked to insure a continuance of bloom. Hardy perennial but blooms the first year from early sown seed. 2 to 2½ feet.

Grandiflora, Portola Hybrids. Flowers of immense size; shades of bronzy red with golden tipped petals. Pkt., 15c; ¼ oz., 75c.

Gr. Fl. Dazzler. Large, dull red flowers. Pkt., 10c; ¼ oz., 50c.

Gr. Fl. Oculata. New light shades with red center. Pkt., 10c; ½ oz., 50c.

Gr. Fl. Compacta Mixed. Pkt., 10c; ½ oz., 40c.
1 Pkt. each of 4 above varieties, 35c.

GAILLARDIA PLANTS

Ready April 15th to May 10th

Grandiflora Hybrid. Each, 20c; Doz., \$2.25.

GEUM

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer.

Lady Stratheden (Golden Ball). It is a counterpart of the popular scarlet variety Mrs. J. Bradshaw, only the blooms are a rich golden yellow. Pkt., 15c; ¼ oz., \$1.00.

Mrs. Bradshaw. Double. The orange-scarlet flowers are very large and full; comes quite true from seed and blooms the first year. 2 feet. June-September. Pkt., 15c; ¼ oz., 75c.

GLOXINIA

Gloxinias are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended.

Giant Hybrids, Mixed. Pkt., 25c.

GODETIA (Annual)

The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. It thrives well in a shady situation. Of easiest culture. 1½ feet. Mixed. Pkt., 10c; ½ oz., 35c.

Dwarf. Double pink, excellent for pots. Pkt., 10c; ¼ oz., 40c.

GOMPHRENA

Also called "Bachelor's Buttons"; a showy annual, everlasting; flowers resembles clover heads and when dried are used for winter bouquets; fine for bedding. 1 foot.

	½ oz.	Pkt.
Pink	\$0.35	\$0.10
Purple .....	.35	.10
Mixed .....	.35	.10



Geum

GOURDS—ORNAMENTAL

They attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

Dipper. Useful for many household purposes. Pkt., 5c.

Dish Cloth. Sponge-like, porous lining is dried and

used in the bath or for dish cloth. Pkt., 5c.

Hercules' Club. The longest of any. Pkt., 5c.

Japanese Nest Egg. Resembles hen's eggs. Pkt., 5c.

Pipe Calabash. The stem ends of the fruits are

much used in making pipes. Pkt., 5c.

Sugar Trough. Very light, but durable. Pkt., 5c.

Small Varieties, Mixed. Pkt., 5c; 1 oz., 25c.

GRASSES—ORNAMENTAL

For large beds or groups on lawns used in many of the finest public parks, etc.

Briza Maxima. Annual. 1½ ft. Pkt., 10c.

Coix Lachryma (Job's Tears). 2 ft.; annual. Pkt., 10c.

Gynerium Argenteum (Pampas Grass). Most noble grass in cultivation. 6 ft.; perennial. Pkt., 10c.

Lagurus Ovatus (Hare's Tail Grass). Bushy and puffy; annual. 1 ft. Pkt., 10c.

Eulalia Zebrina (Zebra Grass). Light green, barred with creamy white; hardy. Pkt., 10c.

Pennisetum Rueppelianum. 3 ft. Pkt., 10c.

Stipa Pinnata (Feathered Grass). Hardy. 2 to 3 ft. Pkt., 10c.

All Colors Mixed. Pkt., 10c; ¼ oz., 25c.

1 Pkt. each 7 varieties, 50c.

GREVILLEA (Silk Oak)

Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration. Pkt., 10c; ¼ oz., 30c.

GYPHOPHILIA

Gypsophilas are valuable for bouquet-making, either green or dried. They are very graceful.

Paris Market. White. Annual. Pkt., 10c; oz., 35c.

Rose Elegans. Rose. Annual. Pkt., 10c; oz., 35c.

Paniculata (Baby's Breath). Flowers white. Blooms first year if sown early. Hardy perennial. Pkt., 10c; ¼ oz., 35c.

Paniculata, Fl. Pl. The double flowering Baby's Breath. Hardy. Pkt., 15c; ¼ oz., \$1.25.

Paniculata, Fl. Pl. Early Flg. Col. Hybrids. For the first time seed of colored hybrids of the double

**Gypsophila**

Gypsophila is herewith offered. This beautiful strain will prove to be a real novelty. Pkt., 50c.

Repens Mixed. Dwarf white Baby's Breath. Splendid in rockery. Perennial; 6 inches. Pkt., 10c.

HELENIUM

Bigelowi. Large golden yellow blooms. Borne profusely from July until September on plants 2 feet tall. A showy, hardy variety. Pkt., 15c.

Riverton Gem. Stately plants, 4 feet tall, covered with bronzy old gold blooms shaded terra cotta, from August to October. Pkt., 15c.

HELIANTHEMUM (Rock or Sun Rose)

Mixed. An excellent dwarf creeping perennial for dry soils. Flowers in rose, pink, and white during May and June. Hardy and free blooming, but should be sown right out in the open where to bloom. Pkt., 10c.

HELICHRYSUM (Strawflower)

One of the best and most popular of the everlasting flowers; the varieties offered below are all of the Monstrosum type. 2 to 2½ feet.

1 Pkt. each 7 varieties, 50c.

	½ oz.	Pkt.
Canary Yellow.....	\$0.40	\$0.10
Fireball—Crimson.....	.40	.10
Salmon Pink.....	.40	.10
Silver Ball—White.....	.40	.10
Violet Queen.....	.40	.10
Golden Ball—Golden yellow.....	.40	.10
Carmine Rose.....	.40	.10
Mixed.....	.40	.10

HELIOTROPE

St. L. S. Co.'s Giant Mixed. Deliciously fragrant, flowering plants, growing about 18 inches high; great favorites for pot culture. 1½ feet. Pkt., 10c.

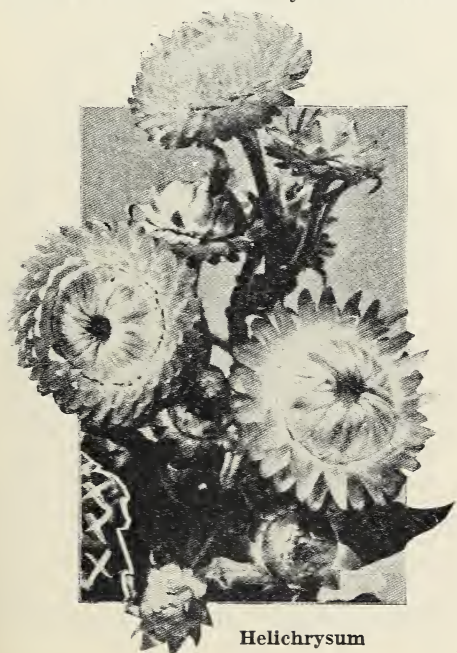
Queen Margaret. Beautiful deep blue. Pkt., 10c.

HEUCHERA

Sanguinea Splendens. Dwarf, compact plants with numerous flower-spikes held above the foliage on graceful, slender stems. The flowers are rich crimson. Blooms profusely from late May until July. Grows about 12 inches tall, and is excellent for cutting. Pkt., 15c.

HIBISCUS (Marshmallow)

Mallow Marvel. A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white in mixture. 4 ft. Pkt., 10c; ½ oz., 50c.

**Helichrysum**



Hollyhock

HOLLYHOCKS (5 to 7 ft. high, Hardy)

For a background to a flower garden nothing is better than the improved strains we offer of this tall old-fashioned garden perennial. The large, richly colored blossoms about three inches across, ranging from deep yellow and red to pure white, are set as rosettes around the strong growing flower stalks.

Sow seed in June or July, in open ground and in the autumn transplant to permanent position two or three feet apart. The following summer they will bloom.

Double "Imperator." This splendid new Hollyhock arrests the attention of the beholder as something entirely original. Rising to a stately height it bears flowers 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across. The plant branches from the base, forming a majestic clump and the lateral stems can be utilized in vases for decorative purposes. **Giant Mixed. Pkt., 35c.**

Chater's Superb Double. An extra fine strain. The plants are hardy and large, robust growers.

White	\$0.10	Rose	\$0.10
Crimson .....	.10	Light Pink .....	.10
Yellow .....	.10	Maroon .....	.10

Mixed, ½ oz., 75c; Pkt., 10c.

1 Pkt. each 6 varieties, 45c.

Newport Pink. One of recent introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double. **Pkt., 15c.**

Single Mixed. Flowers mammoth in size, fringed pink to deep red in color. **Pkt., 10c; ½ oz., 40c.**

ANNUAL EVER-BLOOMING HOLLYHOCK

While these are also hardy perennial varieties if seed is sown early in spring they will bloom the first season.

Double Ever-Blooming Mixed. Pkt., 10c; ½ oz., 75c.

HONESTY (Moonwort)

Biennis Alba. Hardy biennial admired for its silvery seed pods which are used for ornamental purposes; beautiful and curious; 3 to 4 ft. **Pkt., 10c; ½ oz., 50c.**

HOP

Japanese Variegated. Rapid Summer climber, in three or four weeks' time attaining a height of 20 to 30 feet; annual. **Pkt., 10c; ½ oz., 25c.**

HUNNEMANIA

Fumariaefolia. The plants grow into a shrubby bush 1½ ft. high and produce large cup-shaped flowers; annual. Yellow. **Pkt., 10c; ½ oz., 50c.**

ICE PLANT

Handsome and curious plant for hanging baskets, rock work, vases and edgings. Trailer. **Pkt., 10c; ½ oz., 30c.**

IMPATIENS SULTANA

The Zanzibar, or Sultan's Balsam. Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. Rose color. 1½ ft. **Pkt., 15c.**

KOCHIA (Burning Bush)

An easily grown foliage or hedge plant which makes a very rapid growth and presents an extremely symmetrical and attractive appearance. Is a mass of moss-like foliage which retains its clean, bright green color until heavy frost. Turns to dull bronze red after heavy frost and blends with the colors of autumn. Hardy annual; about three and one-half feet high. "Mexican Fire Plant." **Pkt., 5c; oz., 35c.**

KUDZU VINE

A twining vine of remarkably rapid growth, hardy foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. **Pkt., 10c; oz., 35c.**



Kochia

LARKSPUR (Annual)

Hardy Larkspur. See Delphinium

DOUBLE STOCK-FLOWERED ANNUAL LARKSPURS

This is one of the best-known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut and a vase of one of mixed colors is indeed charming. 3 feet.

DOUBLE STOCK FLOWERING TALL	
	Pkt.
Dark Blue	\$0.10
Rose .....	.10
Exquisite Rose .....	.10
Exquisite Pink .....	.10
Lilac .....	.10
1 Pkt. each, 10 varieties.....	.75

	Pkt.
Lustrous Carmine.....	\$0.10
White .....	.10
Rosy Scarlet .....	.10
LaFrance Pink .....	.15
Sky Blue .....	.10

Mixed. Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. Pkt., 10c; ½ oz., 40c.

GIANT HYACINTH FLOWERED LARKSPUR
The flowers are large, very double and borne on spikes resembling a double Hyacinth; 1½ feet. Mixed Colors, Pkt., 10c; ½ oz., 40c.

NEW LARKSPUR EMPEROR
Emperor Dwarf Branching Double Stock Flowered. about twenty-four inches high. Produces an abundance of long, slender spikes in the most delicate colors. Dwf. Mixed Pkt., 15c.

LARKSPUR DWARF ROCKET
Dwarf Rocket Mixed. 1 ft. Pkt., 10c.

LANTANA
Hybrida, Dwarf Mixed. Of dwarf growth, they will be found a great improvement upon the older sort, and a splendid acquisition to our list of window and garden flowers; 1 ft. Pkt., 10c; ½ oz., 50c.

LAVATERA (Annual Mallow)
Rosea Splendens. A very beautiful and showy annual, growing about two feet high and covered during the entire Summer with large cup-shaped shrimp-pink flowers. Pkt., 10c; ½ oz., 25c.

LAVENDER (Lavendula Vera)
Well-known, hardy perennial, bearing long spikes of fragrant blue flowers; excellent for the mixed border; 18 inches. Pkt., 10c.

LEMON VERBENA
The seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Start indoors. Pkt., 15c.

LEPTOSIPHON
A most attractive free-blooming border plant. An easily grown annual, growing from 8 to 10 inches tall. It is suited for sunny places in borders, small beds, or can be grown as a pot-plant. The blooms appear 8 to 10 weeks after planting. They come in various shades of cream, yellow, orange, carmine, brown, lilac, and purple. We are sure that all who plant this will like it very much. Hybridus, Pkt., 10c; ½ oz., 40c.

LIATRIS (Burning Star)
Mixed. A showy hardy perennial border plant, with large spikes of Rosy and violet purple flowers; 2 feet. Pkt., 10c.

LINARIA
Cymbalaria (Kenilworth Ivy). Very pretty, new variety with light green foliage and violet flowers. Suitable for baskets, vases, pots and rock work. 3 inches. Hardy. Pkt., 10c.

LINUM
Scarlet Flax. One of the most effective and showy bedding plants of long duration, with brilliant scarlet-crimson flowers. Annual; 15 inches. Pkt., 10c; ½ oz., 25c.
Perenne. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers all summer. Pkt., 10c; ½ oz., 40.



Larkspur Emperor Dwarf Branching



Marigold Dwarf French Double Mixed

LOBELIA

The annual Lobelia are plants of dwarf, compact growth, four to six inches in height, covered with numerous small, star-like flowers. Very pretty when grown as an edging for flower beds, also for hanging-baskets and vases.

Crystal Palace Compacta. Large, deep blue flowers and bronzy foliage; 4 inches. Pkt., 10c; ¼ oz., 75c.

Florists' Favorite Compacta. Brilliant dark blue with white eyes. Very dwarf. Pkt., 10c; ¼ oz., 75c.

Sapphire. Trailing Lobelias are also coming much into demand. This variety is of remarkably strong growth and is called Sapphire, as the flowers show the wonderful deep blue of this gem. Pkt., 15c; ¼ oz., 50c.

Cardinalis. Rich crimson flowers on fine long stems, 2 to 4 feet tall. Blooms in June. Delights in moist soil. Pkt., 25c.

LUPINUS (Lupine)

Annual sorts. Free flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

HARTWEGII VARIETIES

	Pkt.		Pkt.
Dark blue.....	\$0.10	Roseus .....	.10
White .....	.10	Mixed, ½ oz., 25c....	.10
Sky blue.....	.10	Yellow. Canary.....	.10

1 Pkt. each 5 varieties, 40c.

PERENNIAL VARIETIES

A beautiful perennial of easy culture, with graceful spikes of pea-shaped flowers; excellent for cutting; 2½ to 3 feet.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Blue	\$0.25	\$0.10	White	\$0.25	\$0.10
Rose .....	.40	.10	Mixed .....	.25	.10

1 Pkt. each 3 varieties, 25c.

LYTHRUM (Loose-Strife)

Roseum. A fine hardy perennial, producing spikes of rosy-pink flowers, July to Sept.; 3 ft. Pkt., 10c.

LYCHNIS (Burning Star)

Hybrida Mixed. Grand hardy perennials. White rose, vermillion; useful for beds and borders; 18 inches. Pkt., 10c.

Calcedonica (Jerusalem Cross). 3 ft. June-August. Flowers which are of the most fiery red imaginable appear in clusters, each individual blossom forming a maltese cross. Will bloom from seed the first year. Pkt., 10c.

MARIGOLD

No flower garden seems complete without this fine old-fashioned garden plant with its brilliant displays of yellow and orange, both tall and dwarf sorts, and with finely cut or entire bright green foliage.

Lemon Queen. Tall growing plants bearing large, double flowers. Petals quilled. Color soft lemon yellow; two to three feet. Pkt., 10c; ½ oz., 50c.

Orange Prince. Of the same type of plant and flower as Lemon Queen, but color is rich, deep orange. Two to three feet. Pkt., 10c; ½ oz., 50c.

El Dorado. Double Tall. Flowers about three inches in diameter. Pkt., 10c; ½ oz., 40c.

Double Tall, Mixed. A tall mixture well adapted for large beds. Two feet high. Pkt., 10c; ½ oz., 40c.

1 Pkt. each 3 varieties, 25c.

FRENCH MARIGOLD (Dwarf)

Double Dwarf, Golden Ball. Flowers deep golden yellow. Very desirable for edgings and borders. Height about one foot. Pkt., 10c; ½ oz., 40c.

Double Dwarf, Mixed. A mixture of the three foregoing varieties. Pkt., 10c; ½ oz., 35c.

Legion of Honor. (Little Brownie). This is a single, dwarf, bushy variety and is very desirable for borders. The plants bear in profusion rich golden yellow flowers with garnet blotches; 8 inches high. Pkt., 10c; ½ oz., 35c.

Marvel of Peru. See Four O'Clock on Page 57.

MATTHIOLA

Bicornis (Evening Scented Stock). A desirable annual on account of its delightful fragrance during the evening; color, purplish lilac. Pkt. 10c; ½ oz., 25c.

MAURANDIA

Mixed. A climber of rapid growth for greenhouse; excellent for baskets, vases or trellises; tube-shaped flowers. **Pkt., 15c.**

MECONOPSIS (Blue Poppy)

Baileyi. A beautiful new perennial species, bearing an irregular cyme of nodding flowers of a most glorious shade of sky blue; a ring of golden anthers adds to the beauty of the bloom. **Pkt., 35c.**

MIGNONETTE (Reseda)

A well known hardy annual producing dense cone-shaped flower-spikes, made up of thickly set florets of modest colors. It is often used for cutting to combine in bouquets with other more pretentious flowers lacking its delicate and pleasing fragrance. Thrives best in a cool temperature. Hardy annual.

Allen's Defiance. Will throw flower stalks of a foot in length, delicious fragrance. 12 to 15 inches. **Pkt., 10c; ½ oz., 35c.**

Golden Machet. Distinct variety of Machet, with massive spikes of golden-yellow blossoms; 1 ft. **Pkt., 10c; ½ oz., 35c.**

Red Goliath. The spikes of flowers are immense, measuring 6 to 8 inches long, 2½ in. in diameter; 1 ft. **Pkt., 10c; ½ oz., 75c.**

St. L. S. Co.'s Giant. Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored. **Pkt., 10c; ½ oz., 75c.**

Large Flowering. Mixed. **Pkt., 10c; ½ oz., 25c.**

1 Pkt. each of 4 varieties, 30c.

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials.

Moschatus (Musk Plant). Fine for hanging baskets, etc. Small yellow flowers, fragrant foliage. **Pkt., 10c.**

Tigrinus (Monkey Flower). Fine mixed spotted; 1 ft. **Pkt., 10c.**

MOON FLOWER (Ipomoea)

White, Large Flowering. One of the most vigorous summer climbers and will grow under favorable conditions thirty to forty feet in a single season and be covered evenings and cloudy days with very large, white trumpet-shaped flowers widely extended. Seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell. **Pkt., 10c; oz., 35c.**

Blue Bona Nox, (Evening Glory). Violet. **Pkt., 10c; oz., 35c.**

Giant Pink. The soft lilac-pink. **Pkt., 10c; oz., 35c.**



Meconopsis



Mignonette

MORNING GLORIES (Annual)

Imperial Japanese Fringed. Petals are of a large size and blotched with magnificent colorings of different shades and tints. **Pkt., 10c; oz., 20c.**

Rochester. Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide band around the edges. **Pkt., 10c; oz., 20c.**

Setosa (Brazilian Morning Glory). Setosa is the botanical name of this magnificent Summer climbing annual. The flowers are of beautiful rose. **Pkt., 10c; oz., 25c.**

St. L. S. Co.'s New Japanese Giant. The flowers of this variety are of largest size, often three inches or more across; brilliant red or rich blue. **Pkt., 15c; oz., 35c.**

Fine Mixed. All colors. **Pkt., 5c; oz., 15c.**

NEMOPHILA

Splendid, free flowering hardy annuals, of very neat compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. 6 inches. **Pkt., 10c; ½ oz., 25c.**

NICOTIANA (Ornamental Tobacco)

A beautiful hardy annual, fine for its sweet-scented and ornamental leaves.

Affinis. An annual with sweet-scented, pure white star-shaped flowers, 3 inches across; 2½ feet high. **Pkt., 10c; ½ oz., 25c.**

Sanderae. A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2½ feet. **Pkt., 10c; ½ oz., 35c.**

NASTURTIIUMS

Dwarf or Tom Thumb Varieties

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until

they are killed by frost; they succeed best in rather light, well-drained soil. 1 ft. **Pkt.** **Oz.**

Beauty. Light scarlet, splashed canary...\$0.10 \$0.15
Cloth of Gold. Rich scarlet..... .10 .15



Nemesis

NEMESIA

Compact, low growing plants producing an abundance of bright colored flowers of distinctive shape. The flowers are borne somewhat above the foliage and range in color from white through pale yellow and rose to orange and crimson. Very desirable for the open border and for pot culture indoors.

Seed should be sown indoors during March and the plants set out during May to furnish flowers during mid-summer; sowing made out of doors will flower during September.

Dwarf Mixed. A choice strain producing flowers of the largest size in rich and varied shades of color; 10 inches. **Pkt.**, 15c; $\frac{1}{4}$ oz., 65c.

NIGELLA (Love in a Mist, or Devil in the Bush)

Damascena. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seedpods; of easy culture; growing in any garden soil; hardy annuals; blue and white; 18 inches; mixed. **Pkt.**, 10c; $\frac{1}{2}$ oz., 25c.

Double Blue. A lovely variety, with cornflower-blue blossoms; splendid for cutting; 18 inches. **Pkt.**, 10c; $\frac{1}{2}$ oz., 25c.

Empress of India.

Brilliant crimson;

dark foliage10 .15

King Theodore.

Scarlet-Maroon;

dark foliage10 .15

Golden King. Rich

golden yellow10 .15

King of Tom

Thumb. Scarlet .10 .15

Pearl. Pure white.... .10 .15

Regelianum. Deep, purplish crimson .10 .15

One package each of the above eight varieties, 50c.

SHAW'S GARDEN HYBRIDS

The prettiest strain of Dwarf Nasturtiums. There's really no comparison in the beauty and color of the flowers. Mixed **Pkt.**, 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.
Fine Dwarf Mixed. **Pkt.**, 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

HYBRIDS OF MME. GUNTHER

Climbing about six feet and covered from Spring to Fall with large substantial flowers of the most brilliant shades. Mixed. **Pkt.**, 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75.

Fine Mixed. Tall. **Pkt.**, 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

OENOTHERA (Annual) (Evening Primrose)

They grow in branching form 1 ft. in height and produce single poppy-like flowers of yellow color.
Lamarckiana. $\frac{1}{2}$ oz., 25c; **Pkt.**, 10c.



Nasturtium

ST. L. S. CO.'S GIANT PANSIES

Seed may be sown indoors very early in spring, or a little later in the open ground, and transplanted when an inch high. Such plants will commence to bloom in June. If sown in July, the plants will bloom in the fall, or if sown in September, the following spring. Well pulverized soil should be used and the seeds covered one-eighth to one-fourth inch deep with fine soil firmly pressed down. The largest and best flowers are produced by young plants which have been grown rather slowly in a partially shaded situation, and in very rich soil; coolness and moisture are necessary. A situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinklings are advantageous. Grown indoors pansies make a good winter blooming pot plant. Hardy perennial but usually grown as an annual or biennial.

Exhibition. This wonderful Giant Pansy we offer as our leader. The colorings of this pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. **Pkt., 25c; ¼ oz., \$1.25.**

Steele's Miracle Mixed. They offer a super mixture containing all the finest types including ruffled flowers and many of our new sunburst pansies, smoky rims, henna shades, with fine long stems. **Pkt., 35c; ¼ oz., \$1.50.**

Masterpiece. This grand Giant Pansy is remarkable in having the borders of the petals waved or frilled which gives the flower an almost double appearance. **Pkt., 15c; ¼ oz., \$1.00.**

St. L. S. Co.'s "Nonpareil" Mixture. The flowers are of a large size and the plants grow more compactly bushy than other mixtures. We have the best mixture of the European specialists who raise it. **Pkt., 20c; ¼ oz., \$1.15.**

Imperial Giant Mixed. They embrace all the solid or self-colors delicately shaded, of various colors, dark and light marbled varieties, flowers with clear, distinct eyes. **Pkt., 15c; ¼ oz., \$1.00.**



Trimardeau Giant Mixed. Extra large flowers, but not of such perfect form as the Imperial Giant.

Most of the flowers have three large blotches or spots. **Pkt., 10c; ¼ oz., 75c.**

Fine Mixed. The flowers of this splendid mixture are of good size, very fine form and range of colors in the lighter shades. **Pkt., 5c; ½ oz., 40c.**

EARLY FLOWERING

Scented Mixed. This new race of Pansies promises to be an important introduction on account of the extreme hardness of the plants and in consequence their earliness in flowering. With slight protection, such as meadow hay, leaves or similar material, full-grown plants winter over in the open ground. **Pkt., 10c; ¼ oz., 50c.**

Tufted Pansies, or Viola. Cornuta page 76.

GIANT TRIMARDEAU PANSIES

We have discarded the ordinary Pansies in separate colors in favor of this type, which produces very large flowers, plants of strong robust growth, and well adapted to the trying conditions of our climate.

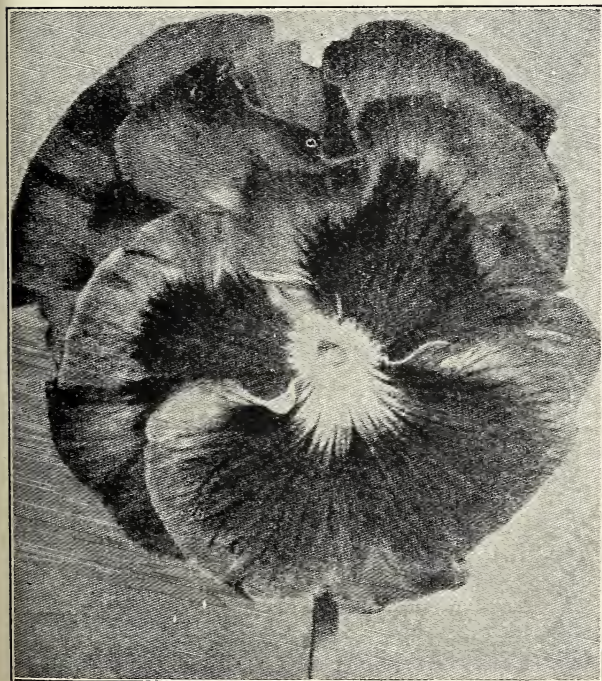
Separate Colors	¼ oz.	Pkt.
Giant Snowflake—White	\$0.75	\$0.10
Giant Faust—Black .....	.75	.10
Giant Lord Beaconfield—Blue and white .....	.75	.10
Giant Fire King—Golden yellow....	.75	.10
Giant Emperor William—Azure blue.....	.75	.10
Giant Gold Elsie—Pure yellow.....	.75	.10

One each of the above 6 varieties for 40c.

Pansy Plants Ready April 1st. Price: 12 plants, \$1.00 (By Express Only).

PENTSTEMON (Beard Tongue)

The large Gloxinia shaped blossoms vary from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged. Hardy perennials. Height, 2½ feet. **Mixed. Pkt., 10c.**



Steele's Mastodon Miracle Pansy

ST. LOUIS SEED CO.'S SELECTED PETUNIA



Petunia Dwarf Giants of California

Petunias are unsurpassed for massing in beds. They are also used along walks and driveways and are often grown in window boxes. Their richness of color, duration of bloom and culture will always make them popular. They endure drought exceptionally well. The seed we offer is the result of careful hybridization and can be depended upon to give results.

In some strains the flowers are very large, measuring four to five inches across; in others, they are deeply fringed; still others have star-like markings radiating from the throat and extending nearly or quite to the outer margin of the blossom; again, others have full, double flowers. The colors range from white to deep red-purple and are variously striped and blotched.

Plant the seed, which is exceedingly fine, in a warm, open, sunny place. Seeds may be sown directly in the open ground or for early results the plants may be started in cold frame, hot bed or in pots indoors, in a temperature averaging sixty to seventy degrees. Water with a fine spray and do not permit the seedlings to dry out. The plants are tender and should not be trusted in the open until danger of frost is over. Any good, friable garden soil, well pulverized and in good condition may be used, and the seed covered with about one-eighth to one-fourth inch of fine soil firmly pressed down. The rows should be two feet apart. Thin to eighteen inches apart. The plants begin to bloom when small and continue until cut off by frost.

Petunias may also be grown under glass in winter. The best method is to sow seeds late in summer and grow stocky plants in pots, but old plants can be lifted on the approach of cold weather, cut back and taken inside for winter bloom.

PETUNIAS DWARF OR BEDDING

These plants only grow about twelve inches high and while branching freely from the base they nevertheless remain quite compact.

Dwarf Giants of California. Extra large flowers, which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them have deep throats of various shades. Will prove of immense value for the laying out of flower beds and borders. **Pkt., 35c.**

Rose of Heaven. Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free blooming. **Pkt., 10c; ¼ oz., 75c.**

Dwarf Rosy Morn. Compact in habit of plant but producing throughout the summer an abundance of clear rosy pink flowers with white throat. An excellent sort for borders, edgings or porch boxes. **Pkt., 10c; ¼ oz., 75c.**

Crimson. A beautiful deep red. Of compact growth. **Pkt., 10c; ¼ oz., 75c.**

Violet. A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue. **Pkt., 10c; ¼ oz., 75c.**

Snowball. A fine compact sort, producing its pure satiny white flowers throughout the entire season. **Pkt., 10c; ¼ oz., 65c.**

1 Pkt. each of the above 6 varieties, 65c.

Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder. **Pkt., 10c; ½ oz., \$1.00.**

Dwarf Mixed. Plants compact growing. A choice mixture of many shades and colors. Very desirable for small beds. **Pkt., 10c; ½ oz., \$1.00.**

BALCONY PETUNIAS

For parkway planting or solid beds in the garden these small flowered Petunias will give an unbroken display of color throughout the entire season. The flowers are small in size, but lavishly borne. This strain is also of great value for window box work, as the plants are not so compact in habit as those of the preceding class.

	$\frac{1}{8}$ oz.	Pkt.
Balcony Blue.....	50c	15c
Balcony Rose.....	50c	15c
Balcony Crimson.....	50c	15c
Balcony Mixed.....	50c	15c
1 Pkt. Each 3 Varieties, 35c.		

GIANT PORTLAND PETUNIAS

For planting of veranda boxes and for choice potted plants or for bedding out these Petunias in select colors, never fail to please.

Theodosia. This is a very fascinating fringed Petunia. In comparison with Pink Triumph is a softer rose or pink, slightly larger with a more open throat and beautifully veined. It is a very robust plant and free flowering. The shade is very attractive. **Pkt., 15c.**

Pink Triumph. We consider Pink Triumph one of the best bright pink fringed Petunias on the market. It is robust in its growth, easy to grow from seed and comes quite true to type and color. **Pkt., 15c.**

Elk's Pride. Large size; deep royal purple. **Pkt., 15c.**

Pride of Portland. Large deep rose pink fringed flowers. **Pkt., 15c.**

Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon. **Pkt., 15c.**

1 Pkt. each 5 varieties, 60c.

Mixed Colors, Pkt., 15c.

HALF DWARF OR BEDDING PETUNIAS

All of the following are wonderfully effective in beds, borders, window boxes, etc. 18 inches high.

Howard's Star. A beautiful free-flowering strain, color crimson, maroon with a clearly defined five-pointed star of bluish white. **Pkt., 10c; $\frac{1}{4}$ oz., 75c.**

Extra Choice Mixed. A very choice strain, made up from named large-flowering sorts. A very fine Bedding variety. **Pkt., 10c; $\frac{1}{2}$ oz., \$1.25.**

Fine Mixed. Good bright colors. **Pkt., 5c; $\frac{1}{2}$ oz., 40c.**



Ruffled Giant Petunia

PETUNIAS

Giant Fringed and Ruffled

The "Giants of California" bear gigantic flowers often five or more inches in diameter, of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, yellow, black, pure white, etc. One of the chief points of excellence is the deep throat and diversity of veining in the throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining; many are deeply lined and netted, on a white, pink or lavender ground. Flowers are beautifully ruffled and frilled.

Giants of California. The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter and of an astonishing variety of colors. **Pkt., 15c.**

Ruffled Giants. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. **Pkt., 25c.**

DOUBLE PETUNIAS

We take great pride in offering our double Petunias. They have never been surpassed in beauty, size, form or color, if ever equaled. Selection in crossing every flower was made with the greatest care and thought, and the results are a surprise even to ourselves.

It would be impossible to describe at length the many varieties in form and color, pink, snowy white, violet, lavender, mauve, crimson, plain and shaded with variegations in all these shades innumerable.

Double Flowering, Fringed Mixed. It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. **Pkt., 25c.**





Physalis (Chinese Lantern Plant)

PHLOX DRUMMONDI

It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants. Unequaled in the magnificent display of their many and brilliantly colored flowers. The plants are hardy bush-like annuals with many broad, flat-topped clusters of nearly round and star-shaped flowers. They are of easiest culture and bloom profusely through a long season.

Seed is usually sown very early in spring outdoors in rows one foot apart. A sunny situation is desirable. Well pulverized soil, preferably rich and mellow, should be used and the seed, which germinates rather slowly, covered with about one-fourth inch of fine soil firmly pressed down. Thin to four inches apart. For very early blooming, seed may be sown outdoors in fall, or started indoors and transplanted early in April. Hardy annual; one foot high.

	$\frac{1}{2}$ Oz.	Pkt.
Large Flowering—White.....	\$0.75	\$0.10
“ “ Scarlet.....	.75	.10
“ “ Shell Pink.....	.75	.10
“ “ Deep Rose.....	.75	.10
“ “ Dark Purple.....	.75	.10
“ “ Fiery Red.....	.75	.10
“ “ Violet Blue.....	.75	.10
“ “ Mixed.....	.75	.10

1 Pkt. each 7 varieties, 50c

Starred and Fringed Mixed. Very odd and pretty effect. Pkt., 10c.

Fine Mixed. Bright, showy flowers. Good for cutting; 1 foot. Pkt., 5c; $\frac{1}{2}$ oz., 40c.

PHLOX (Dwarf)

These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat, little bushes, covered with flowers during the whole summer and fall.

	$\frac{1}{4}$ Oz.	Pkt.
Fireball—A fine scarlet.....	\$0.65	\$0.10
Pink.....	.65	.10
Snowball—Pure White.....	.65	.10
Dwarf Mixed—All colors.....	.65	.10

1 Pkt. each 3 varieties, 25c

PHLOX (Hardy)

Decussata. 2-3 ft. June-October. Perennial varieties mixed from a celebrated collection. Seed slow and erratic in germinating and the seedlings may not appear for a year. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

PHYSALIS

Franchetti (Chinese Lantern Plant). $1\frac{1}{2}$ ft. Flowers yellow with dark center. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese lanterns. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

PHYSOSTEGIA (Dragon Head)

Extremely beautiful with spikes of pink flowers, which are tube-shaped similar to a tiny antirrhinum blossom. The buds and flowers grow on the stem as if growing four sides of a square; very attractive foliage surrounding the graceful spikes.

Virginica. Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-September. Pkt., 15c.

PLATYCODON (Wahlenbergia)

Hardy perennials, bearing large, broad, bell-shaped blue flowers; very handsome for garden decoration.

Grandiflorum, Blue. Hardy. 2 feet. Pkt., 10c.

POLEMONIUM (Jacob's Ladder)

Coeruleum. Popular hardy perennial border plant, with bell-shaped bluish-purple flowers nearly 1 inch across; $2\frac{1}{2}$ feet. May to July. Pkt., 10c.

PORTULACA

Sometimes called Moss Rose. Few flowers make such a dazzling display of color in the bright sunshine as a bed of portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing or creeping with thick, fleshy stems tinged with red and small quill-shaped leaves. Desirable also for edgings. They are in bloom through a long season. 6 inches.

Sow seed outdoors, after weather is warm and settled, where the plants are to stand in rows one foot apart.

Large Flowering Single Mixed. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

Double Fine Mixed. All colors mixed. Pkt., 10c; $\frac{1}{4}$ oz., 50c.



Phlox

POPPIES (Annual)

These well-known hardy annuals and perennials flower in great profusion throughout the summer. Both the single and double varieties are very desirable for bedding and borders. The flowers are remarkable for their large size, delicacy of tissue and wide range of bright dazzling colors.

As early in spring as ground can be worked sow the seed, which is quite small, where the flowers are to bloom as the annual varieties do not bear transplanting. Pulverized soil, preferably light sandy loam, should be used. Make rows fifteen inches apart and cover seed one-fourth inch deep. When two inches high, thin from six inches to one foot. To insure continuous bloom during a long season the flowers should be cut regularly and no seed pods allowed to form.

American Legion. This new single poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long, stout stems. 2 ft. Pkt., 10c; ½ oz., 35c.

Danebrog, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Pkt., 10c; ½ oz., 25c.

Shirley-Mixed. This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. 20 inches. Pkt., 10c; ½ oz., 25c.

Tulip Flowered Scarlet. Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1½ feet. Pkt., 10c; ½ oz., 35c.

Double Shirley-Mixed. Beautiful new hybrids with large double and semi-double flowers in a wonderful range of colors. Pkt., 10c; ½ oz., 35c.

Double Cardinal. Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet. Height, 2 feet. Pkt., 10c; ½ oz., 25c.

Double Carnation-Flowered. Large, showy flowers. 2 feet. Mixed. Pkt., 5c; ½ oz., 20c.

POPPIES (Hardy Perennial)

ICELAND POPPIES (*Papaver Nudicaule*)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 15 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring. Excellent for rock work. Pkt., 10c; ¼ oz., 40c.



Shirley Poppies



ORIENTAL POPPIES

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbing during their annual resting period.

Orange Scarlet (The Large Oriental Poppy.) A charming summer-flowering hardy plant, producing numerous leafy stems about 3 feet high, with large orange scarlet flowers; having a conspicuous black blotch on each petal, exceedingly showy. Pkt., 10c; ¼ oz., 75c.

Salmon Pink. Large flower; beautiful Salmony pink. Pkt., 10c; ¼ oz., 75c.

Oriental Hybrids. Mixed. Saved from a large number of named sorts, embracing all of the colors. 2½ to 3 feet. Pkt., 10c; ¼ oz., 75c.



Primrose Polyanthus

POTENTILLA (Flowering Strawberry)

A beautiful border plant, flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border neutralizing and rock work. Hardy; 20 inches. Double mixed. Pkt., 10c.

PRIMULA (Primrose)

Obconica Gigantea. If sown early in the Spring the seedlings will commence to bloom in May or June. Pkt., 15c.

Malacoides. A fine house-plant; flowers delicate lilac. Pkt., 15c.

Chinensis (Chinese Primrose). Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Pkt., 25c.



Malacoides Primula

PRIMROSE—HARDY

Spring-blooming plants. With a slight protection they will stand the Winter, but will do better if protected by a cold frame.

Auricula. The fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Pkt., 10c.

Polyanthus Veris. Cowslip. Fine for either pot or outdoor culture; hardy perennials; 12 inches. Pkt., 10c.

Vulgaris. True Yellow; 6 inches. Pkt., 10c.

PYRETHRUM (Feverfew)**Roseum Grandiflorum Single Mixed.**

Flowers of enormous size, ranging from light pink to deep carmine; hardy. 2½ ft. Pkt., 10c; ¼ oz., 40c.

Hybridum Double Mixed. Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; 2 feet. Pkt., 15c.

Aureum (Golden Feather). Yellow foliage. Hardy annual. 1 ft. Pkt., 10c.

RHODANTHE (Everlasting)

Mixed. Fine for outside border, or for greenhouse flowering during the Winter. 1 ft. Pkt., 10c; ½ oz., 30c.

RICINUS (Caster Oil Bean)

Zanzibariensis. Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red; 8 to 10 ft. Pkt., 5c; oz., 15c.

Borboniensis Arboreus. The tallest of the Ricinus family, 10 to 15 ft. Pkt., 5c; oz., 15c.

Red Spire. An effective variety, with bronzy green foliage and rosy crimson seed spikes, 6 ft. Pkt., 10c; oz., 25c.

Gibsoni. Purplish leaves, 5 ft. Pkt., 5c; oz., 15c.

Mixed Sorts. Pkt., 5c; oz., 15c.

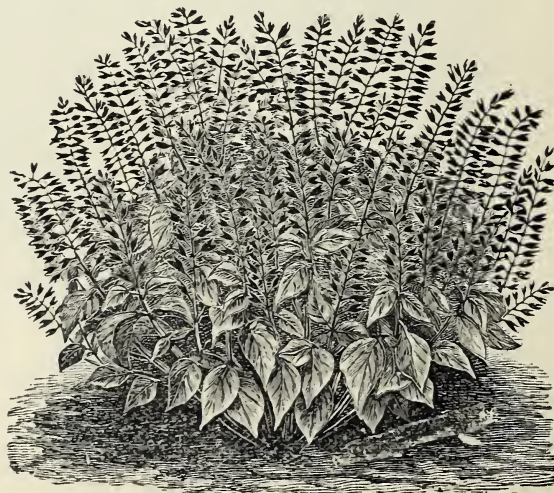
ROSEMARY (Rosmarinus)

Officinalis. An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm dry situation, and given a little protection. Pkt., 10c.

RUDBECKIA (Cone Flower)

Newmanii. An effective, hardy, perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. Pkt., 10c; ¼ oz., 40c.

Purplea (Giant Purple Coneflower). Hardy perennial; large showy, reddish purple flowers with dark brown disc; 4 feet. Pkt., 10c; ¼ oz., 50c.



Salvia (See next page)

SALPIGLOSSIS (Painted Tongue)

As pot plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2½ feet.

Large Flowering (Painted Tongue). Yellow, rose, scarlet, light blue, purplish violet mixed. Pkt., 10c; ¼ oz., 40c.

SALVIA (Scarlet Sage)

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers. Seeds should be started either in the house or in hotbeds from February till April. Seed may also be sown in the open ground in May, about 3 feet high.

America (Globe of Fire). It being of a dwarf bushy habit, filling a want where other varieties attain too great a height. Plants grow about 15 inches high. Pkt., 15c; ½ oz., 50c.

Bonfire. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden. 16 inches. Pkt., 10c; ½ oz., 40c.

Fireball. The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. 14 inches. Pkt., 15c; ½ oz., 50c.

Splenden's Grandiflora Scarlet. A rich-flowered border. 2½ to 3 ft. Pkt., 10c; ¼ oz., 50c.

Zurich. Plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost. 12 inches. Pkt., 15c; ½ oz., 50c.

Rose Clary. Rose with white. 2 ft. Pkt., 10c.

Farinacea. A perennial variety, but best treated as an annual, blooming from July to frost from Spring sown seed; color, light blue; 3 to 3½ ft. Pkt., 10c; ¼ oz., 50c.

1 Pkt. each of above 7 varieties, 65c.



Salpiglossis

SAPONARIA (Bouncing Bet)

Rose. Splendid hardy perennial rock plant; bright rose colored flowers; 12 inches. Pkt., 10c.

SCABIOSA (Mourning Bride)

They grow about 3 feet high, and come into bloom early in July, and continue without interruption until hard frost. Annual.

	Pkt.		Pkt.
Crimson	\$0.10	Lavender	\$0.10
Black-Purple .....	.10	Shasta White.....	.10
Rose .....	.10	Peach Blossom.....	.10
Mixed.....	Pkt., 10c; ½ oz., 50c		
1 Pkt. each 6 varieties, 45c.			

SCABIOSA COLUMBARIA

This is a South African form of the European Scabiosa and although reminiscent of Caucasia, is a distinct type. It can be briefly described as a hardy, low growing perennial with fine, light-green foliage, some of the flowers measuring from two to two and a half inches across with short, compact petals, borne on long, slender but strong stems. It is proving to be a valuable cut flower. We offer this in two favorite colors—

Lavender.....Pkt., 15c Pink.....Pkt., 15c
Caucasia (Blue Bonnet). One of the most handsome of hardy perennials, especially valuable for cutting lilac-blue; 3 feet. Pkt., 10c.

SCHIZANTHUS

Large-Flowered Mixed. As pretty as miniature Orchids. Forming compact pyramidal plants about 16 inches high, literally covered with large, beautiful orchid-like flowers. Annual. Pkt., 15c; ½ oz., 50c.



Schizanthus



Statice Sinuata

STATICE (Annual)

Extremely showy, with large clusters of blooms carried on graceful stems. The plants are easy to grow from seed and do well in almost any kind of soil. The flowers may be cut and treated like Everlastings, drying them in a cool and shady place.

Sinuata Rose. This is an excellent light rose-colored variety. A free and continuous bloomer which should be planted either for garden decoration or winter bouquets. Pkt., 10c; ½ oz., 40c.

Sinuata Dark Blue. The plants grow 1 to 2 feet tall and the attractive blue flowers are carried in long racemes. They are borne most profusely from mid-summer until fall and give a fine display, particularly where they get the full sun. Pkt., 10c; ½ oz., 40c.

Sinuata White. An elegant variety; 3 ft. Pkt., 10c; ½ oz., 40c.

Bonduelli. The plants grow 18 to 20 inches tall and bloom profusely from July to October. The small flowers are borne in attractive clusters. They are rich lemon-yellow in color, suited for a dry sunny location. Pkt., 10c; ½ oz., 40c.

1 Pkt. each of above 4 varieties, 30c.

STATICE (Hardy Perennial)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

Latifolia. Purplish-blue flowers; 2 feet. Pkt., 10c; ¼ oz., 50c.

STEVIA

Serrata. Free blooming plants for Summer or Winter; bearing a profusion of fragrant white flowers; excellent for cutting; 2 ft. Pkt., 10c; ¼ oz., 40c.

SEDUM (Stonecrop)

The dwarf varieties are charming plants for sunny positions in the rockery, etc., and the taller kinds make effective color groups in the border. They thrive in almost any soil. They are especially fond of sand and full sun, and may be considered the backbone of the American rock garden.

Coeruleum. A pretty creeping annual with dainty racemes of charming pale blue flowers. A splendid subject for the rockery. Pkt., 25c.

Perennial Mixed. Useful and pretty plants for the border, producing their interesting flowers during late summer and fall. Pkt., 25c.

SENSITIVE PLANT (Mimosa Pudica)

A curious and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. Pkt., 10c; ½ oz., 30c.

SHASTA DAISY

Shasta Daisy (Alaska). Splendid perennial plants with large single white flowers with yellow centers. Seed may be sown in the open ground early in spring but better results are usually obtained from sowings made in boxes indoors and plants set out after they have made some growth. Height, 3 feet. Pkt., 10c; ¼ oz., 50c.

SHAMROCK

True Irish. Small leaved. Pkt., 10c; ¼ oz., 50c.

SILENE (Catchfly)

Very pretty dwarf plants, used mostly for borders; thriving in almost any common soil and easy of cultivation. Annual. 12 inches. Pkt., 10c.

SMILAX

In many respects the smilax is the most useful and it is certainly one of the most graceful climbers. Green-house climber. Pkt., 10c; ½ oz., 30c.



Red Sunflower (See next page)



Stocks Cut-and-Come-Again

STOCKS

Sometimes called Gilliflower. Considered almost indispensable where a fine display of flowers is wanted and particularly valued for edgings, bedding and pot culture. The improved varieties we offer of this favorite garden plant produce dense spikes of very fragrant and beautiful rosette-like double flowers in a wide range of attractive colors. They are suitable for cutting.

STOCKS CUT-AND-COME-AGAIN

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce. 2 to 2½ feet.

	Pkt.	¼ oz.
Princess Alice. White.....	\$0.10	\$0.50
LaFrance. Pale Blush.....	.10	.50
Brilliant. Blood-red.....	.10	.50
Sapphire. Dark Blue.....	.10	.50
Creole. Creamy yellow.....	.10	.50
May Queen. Delicate Lilac.....	.10	.50
Finest Mixed. All colors.....	.10	.50
1 Pkt. each 6 varieties, 40c.		

GIANT. BISMARK TEN WEEK STOCKS

An especially meritorious class. These stocks are Giant; growing from 24 to 30 inches tall, of branching habit producing innumerable large spikes measuring 12 to 16 inches long, coming into bloom in 10 to 12 weeks.

	Pkt.	¼ oz.
Chamois. Ivory, tinted old rose.....	\$0.10	\$0.50
Blood Red. Fine.....	.10	.50
Lavender. (Mauve Lavender).....	.10	.50
Rose. Deep rose pink.....	.10	.50
White.....	.10	.50
Mixed.....	.10	.50
1 Pkt. each 5 varieties, 35c.		

10 WEEK STOCKS DWARF GERMAN

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types; 12 to 15 inches high.

	Per Pkt.		Per Pkt.
Blood-red	\$0.10	Lavender	\$0.10
Bright Rose .....	.10	White .....	.10
Collection. A packet each of the above 4 colors, 30c.			
Mixed. Double large flowering. ¼ oz., 50c; Pkt., 10c.			

SOLANUM (Jerusalem Cherry)

This is a very useful pot plant for winter decoration. It is of the dwarf branching habit; leaves small and oval shaped, bearing in the greatest profusion bright, scarlet, globular berries.

Capsicastrum Nanum. A beautiful decorative variety. 20 inches. Pkt., 10c; ½ oz., 35c.

Cleveland Red. A greatly improved form of this very useful pot plant for winter decoration. It is of dwarf, branching habit; leaves small and oval shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. Pkt., 15c; ¼ oz., 50c.

STOKESIA (Hardy)

Highly valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

Cyanea (Blue). The earliest and best sort. 16 inches. Pkt., 10c.

SUNFLOWER (Helianthus)

Far superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. Annual.

Golden Ball. A beautiful large double variety. 7 feet. Pkt., 10c; oz., 45c.

Dwarf Double. Similar to the above variety only of a dwarf nature with variegated leaves. 3 feet. Pkt., 10c; oz., 35c.

Double Chrysanthemum-Flowered. A wonderful Sunflower with fully double golden yellow blooms like a giant Chrysanthemum 6 to 8 inches in diameter. The heads are made up of thousands of small fringed petals, forming a broad, thick flower. The plants grow nearly 7 feet tall and are covered with blooms. Pkt., 10c; ½ oz., 30c.

SINGLE FLOWERING SORTS

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in summer.

Red. This new Sunflower we believe to be a novelty of real merit, and feel sure it will come into general use. Planted a border or in front of taller shrubbery or along a wall, they are very showy. 5 feet. Pkt., 10c; ½ oz., 40c.

Stella (Improved Miniature Sunflower). Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. 5 feet. Pkt., 10c; ½ oz., 30c.

Perennial Mixed. Perennial Sunflowers add a most distinctive touch to any garden. During the fall they provide a glorious show of yellow blooms. Excellent for background planting on account of their height. Pkt., 15c.

SWEET ROCKET (Hesperis)

An excellent perennial for naturalizing among shrubbery or for planting in a permanent border; fragrant white and purple flowers in mixture; 2 to 3 feet. Seed germinates readily in open ground if sown after danger from frost is past. Hardy perennial. **Fine Mixed.** Pkt., 10c; ½ oz., 25c.

EARLY FLOWERING SPENCER SWEET PEAS

A comparatively new class of Sweet Peas that is rapidly becoming prominent for Winter flowering indoors. The flowers are large of the same form as the Spencers and are beautifully waved or frilled. When planted out of doors they will commence blooming a month or more earlier than the late flowering varieties planted at the same time.

For the aphid or plant louse, spraying with solutions of some nicotine or whale-oil soap is usually effective, and for the Red Spider, which also causes trouble at times, spraying with pure water is usually sufficient. A frequent change of location has also been found important.

	Pkt.	Oz.
Angelus. Salmon pink of a soft light tone with a ground of very light cream.....	\$0.15	\$0.50
Aviator. The color a glowing poppy scarlet..	.15	.50
Blue Bird. A charming shade of blue.....	.15	.50
Orange. True glowing orange.....	.15	.75
Columbia. Color, pink and white.....	.15	.50
Eldorado. A pure orange salmon; early ever-blooming .....	.15	1.00
Glitters. The color is a bright fiery orange salmon .....	.15	.50
Heather Bell. Color a rich mauve lavender....	.15	.50
Harmony. An exceptionally choice clear lavender .....	.15	.50
Madonna. Finest large white free bloomer....	.15	.50
Rose Queen. The flowers are borne on long stems, are of large size.....	.15	.50
Superior Pink. The blooms are of a most attractive form, bold with well waved standards .....	.15	.75
Snowstorm. This is by far the finest of all white varieties .....	.15	.50
Sweet Lavender. Pure Lavender.....	.15	.75
Vulcan. The color is the most vivid scarlet ever seen in sweet peas.....	.15	.50
Yarrowa. Flowers exquisitely waved. Color a pleasing shade of bright rose pink.....	.15	.50
Zvolanek's Blue. Of the blue jay color, considered one of the very best blues.....	.15	.50
Zvolanek Rose. Beautiful self rose color. Holds its color to the last and is a free bloomer .....	.15	.50
Mixed. All colors, named varieties.....	.10	.35

SPENCER SWEET PEAS

Austin Frederick. Giant lavender.....	\$0.10	\$0.25
Charity. Scarlet crimson.....	.10	.25
Constance Hinton. White .....	.10	.25
Countess Spencer. Bright shade of pink.....	.10	.25
Defiance. A fine scarlet .....	.10	.25
Elfrida Pearson. Giant shell pink.....	.10	.25
King White Spencer. Pure white.....	.10	.25
Margaret Atlee. Rosy salmon buff.....	.10	.25
Mrs. Cuthbertson Spencer. Rose-pink wings white .....	.10	.25
Mrs. Tom Jones. Best azure blue.....	.10	.25
Royal Purple Spencer. A rich purple.....	.10	.25
St. L. S. Co. Spencer Mixture .....	.10	.15

¼ lb., 50c; 1 lb., \$1.75.

PEAS PERENNIAL

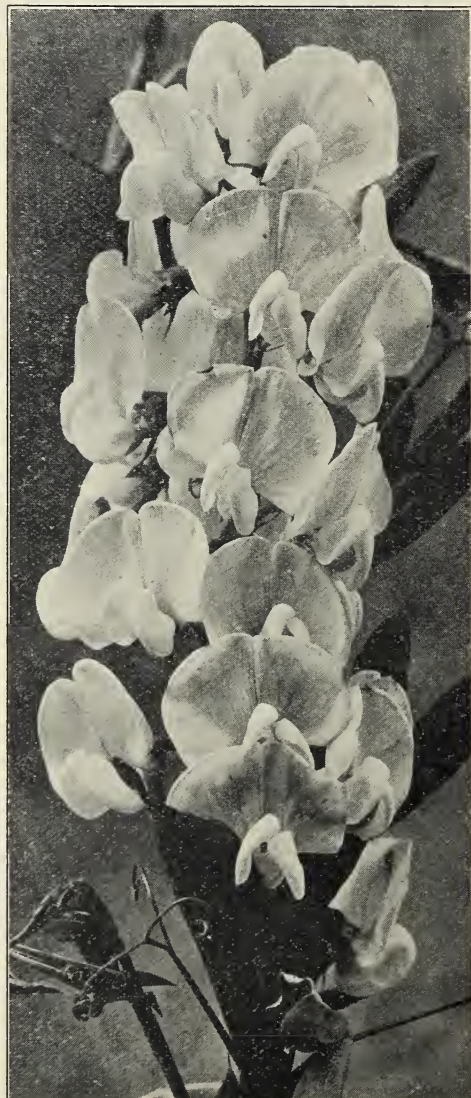
(Lathyrus latifolius) An easily grown, hardy perennial climber with smaller flowers lacking the fragrance of Sweet Peas, but producing for many weeks a succession of blossoms in clusters of eight to ten each. Only a few flowers can be expected the second season, but in the third and fourth, the plants then being well established, an abundance of foliage and blooms is afforded. The plants die down late in the fall and start again in the spring.

	Pkt.		Pkt.
Pink	\$0.10	White	\$0.10
Red .....	.10	Mixed .....	.10

ST. L. S. CO.'S "NOVELTY" COLLECTION

Ten big packets of the famous Spencer Varieties.

If you care at all for these pretty flowers, do not fail to save a place in your garden for our "Novelty" collections of Spencers. The cultural directions with each collection give full explanation how to grow these flowers to perfection. Include one of these collections with your next order. 10 Pkts., 50c, postpaid.



Perennial Sweet Peas

SWEET WILLIAM (Dianthus-Barbatus)

A well known, extensively used, sweet scented perennial for bedding and borders, forming fine clumps in any good garden soil and under proper conditions lasting for several seasons. They produce a succession of flower clusters, thus affording splendid bloom for several weeks. The florets are handsomely colored and marked and are borne on stiff stems in great profusion, forming dense round topped heads or clusters, often three to four inches across. The colors are exceedingly varied, ranging from white through many shades of rose, lilac, red, carmine, crimson and maroon to nearly black, usually two shades to each plant.

Pink Beauty. In color it is what florists call water-melon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. Pkt., 10c; ½ oz., 50c.

Scarlet Beauty. A very effective rich, deep scarlet variety. Pkt., 10c; ½ oz., 50c.

Holborn Glory. This strain is a large-flowered selection of the auricular-eyed section, the most beautiful and admired of all Sweet Williams. Pkt., 10c; ½ oz., 50c.

Maroon. Pkt., 10c; ½ oz., 50c.

Single White. Pkt., 10c; ½ oz., 50c.

1 Pkt. each 4 varieties, 30c.

Finest Single Mixed. Pkt., 5c; ½ oz., 35c.

Double Mixed. This mixture contains the finest colors. Impossible to find anything that can compare with it. Pkt., 10c; ½ oz., 50c.

Annual Mixed. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early Summer from Spring-sown seed. Pkt., 10c; ½ oz., 75c.

THALICTRUM (Meadow Rue)

Hybridum. Very graceful perennial plants with finely cut foliage; excellent for the hardy border. Columbine like foliage. Mixed. Pkt., 15c.



Sweet William

THUNBERGIA

Mixed (Blackeyed Susan). Handsome foliage and flowers. Used for a screen or basket. Annual. Pkt., 10c; ½ oz., 50c.

TORENIA

Fournieri. Bushy globular plants literally covered with the lovely richly colored, snap-dragon-like flowers of a delightful sky-blue. They are excellent for beds, pots or hanging baskets. Pkt., 10c.

TRITOMA (Red Hot Poker)

Hybrida Mixed. A free blooming hardy perennial; large spikes of flowers. An improved variety of the plant sometimes called Red Hot Poker. The handsome flowers are produced in large spikes of rich orange-red tinted flower tubes. Plant two feet apart. Tritomas are hardy when well covered in winter. In the north, dig up the plants in November, place in boxes with dry earth and store in a cellar. In spring place in a warm, sheltered, well drained spot, preferably with a background of shrubbery. Pkt., 15c.

TROLLIUS (Globe Flower)

Orange Globe. Desirable free-flowering plants, producing their giant bright yellow, Buttercup like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half shady position in well drained, preferably light soil. Pkt., 35c.

TUNICA

Saxifraga. A splendid dwarf border plant with small delicate rose blooms. Pkt., 10c.

VALERIANA (Garden Heliotrope)

Rubra Mixed. Hardy perennial border plants; large fragrant flowers, odor resembling that of the heliotrope; 2 to 3 feet. Pkt., 10c.

VERONICA (Speedwell)

Spicata. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. Pkt., 10c.



Tritoma (Red-hot Poker Plant)



Viola Cornuta

VERBENA GR. FL.

Verbenas usually flower well in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in lukewarm water before planting. It is desirable to have the soil well fertilized and carefully pulverized. Cover seed about one-fourth inch deep. When the young plants have three or four leaves transplant in rows two feet apart and about twenty-four inches apart in the row, choosing preferably a sunny situation. At this distance the plants, if conditions are favorable, will spread so as to cover the ground completely. Suitable also for borders and window boxes.

	¼ oz.	Pkt.
Mammoth Blue.....	50c	10c
Mammoth Lucifer. Cardinal Red.....	50c	10c
Mammoth Rosea Stellata. Rose, pink, white eye	50c	10c
Mammoth White	50c	10c
Mammoth Purple Mantle.....	50c	10c
Mammoth. Mixed.....	50c	10c
Auricula Fld. Mixed.....	50c	10c
1 Pkt. each, 5 varieties, 40c.		

Great Floral Clock Mixture. This splendid new variety is very dwarf, compact growing Bush-Verbena, with large trusses of all fine colored flowers in shades previously unknown in this class. Pkt., 15c.

Fine Mixed. This extra choice mixture includes a wide range of very beautiful colors, shades and stripes usually running from pure white to deep purple. Pkt. 5c; ½ oz., 40c.

VERBENA VENOSA (Hardy)

Venosa 1 ft. Largely used for bedding purposes, strong, thrifty growers, covered with bright purple and heliotrope flowers. Pkt., 10c.

VIOLETS (Sweet Scented)

Viola Odorato (Semperflorens). Is the well-known English Violet, a free-flowering, hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. Pkt., 10c.

VIOLA CORNUTA (Tufted Pansies)

Few plants are of more general usefulness in the garden than the Viola cornuta, and the good qualities possessed by these plants. This is the best edging plant for the hardy border or rock garden; when properly cared for, these plants remain in full bloom from May until October. The great secret of their continuous bloom, though, is the fact that they must be sheared several times during the season, so that the flowers do not go to seed.

	Pkt.		Pkt.
Light Blue	\$0.10	White	\$0.10
Dark Blue .....	.10	Violet .....	.10
Yellow .....	.10	Mixed .....	.10
1 Pkt. each, 5 varieties, 40c.			



Verbena Mammoth Mixed

VINCA—PERIWINKLE

These are very bright annuals which should be included in every garden. They are most attractive with their dark green glossy leaves and their beautiful and large flowers. The plants grow about 15 inches tall and branch freely, making compact bushes which during the latter part of summer and all during the fall are covered with blooms. They may be grown successfully in any kind of soil and can withstand quite adverse weather conditions. They will thrive and bloom where many other annuals will not make any show. Whether used for borders or solid beds, they will always attract attention. Upon approach of freezing weather the plants may be lifted and transplanted into large flowerpots for winter blooming in the house. They are also useful for planting in porch boxes or window boxes.

	½ Oz.	Pkt.
Rosea. Fine rose color.....	\$0.50	\$0.10
Rosea Alba. Rosy eye .....	.50	.10
Alba Pura. Pure white.....	.50	.10
All Colors, Mixed .....	.50	.10

WALLFLOWER (Annual)

The plants grow to a height of 2 to 2½ feet, form strong, long middle spikes thickly covered with large double blossoms. The side shoots arise in the axils of the plant and in their turn bear beautiful flowers which are suitable for cutting purposes during the cool seasons.

Early Wonder Mixed. The seed we are offering this season has been produced from our own special stock seed, reselected for earliness. Will bloom in about 90 days from time of sowing. Pkt., 25c.

WALL FLOWER (Perennial)

A beautiful, hardy perennial of exquisite coloring, producing long, showy spikes in abundance.

	Pkt.
Double Mixed	\$0.10
Single Mixed. 1 foot .....	.10

WAHLENBERGIA (See Platycodon, page 68)



Wallflower

WOOLFLOWER—CHINESE

Plants grow two or three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of wool, but not so large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground.

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed-beds they will begin to set bloom, which is not desirable. Transplant to the garden soon as danger of frost is past.

Crimson. Balls of rich crimson. Pkt., 10c; ¼ oz., 40c.
Pink. Rich shade of pink. Pkt., 10c; ¼ oz., 40c.
Mixed all colors. Pkt., 10c; ¼ oz., 40c.

WILD CUCUMBER

Rapid-growing annual climber. Has beautiful leaf and pretty fragrant white flowers. Pkt., 5c; oz., 25c.

WILD GARDEN FLOWER MIXTURE

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

	½ oz.	Pkt.
Annual Mixed	\$0.25	\$0.10
Perennial Mixed .....	.40	.10



Woolflower—Chinese

ST. LOUIS SEED CO. SELECTED ZINNIAS

YOUTH AND OLD AGE

One of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention; will grow in any good garden soil.

Sow the seed early in spring, in open ground in good rich soil, preferably in rows two feet apart and covering about one-fourth inch deep. When the young plants are one to two inches high thin to eight inches apart. Half hardy annual; tall growing, usually about one and one-half to two feet high.

GIANT DAHLIA FLOWERED ZINNIA

This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older type, are many of them in exquisite shades of rose, lavender and old gold. The plants are strong and vigorous growing and produce an abundance of blooms throughout the summer and early fall.

Buttercup. Deep yellow. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Crimson Monarch. By far the largest and best of the red shades. Flowers often six inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Dream. A fine, deep lavender, turning to purple—a new desirable shade in Zinnias. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Exquisite Rose. By far the most pleasing of our collection. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Golden State. A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Meteor. A rich, glowing deep red (Spinel Red) and the darkest of all the red shades. Fine form, with good depth of petal. Very large and more floriferous than other reds. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Old Rose. This is adequately described by its name, as it is of the real Old Rose shade; it is large, and for charm and beauty we consider it ranks next to exquisite. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Polar Bear. A very large pure white, the best white yet seen in Zinnias. True Dahlia form. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Purple Prince. A fine, deep purple (Rhodanthe Purple) large and well-formed. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Scarlet Flame. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Dahlia-Flowered, Mixed. These flowers have a very marked distinction from the ordinary giant-flowering class, being of a true Dahlia-flowering type, a fine mixture of the very best colors. Pkt., 15c; $\frac{1}{2}$ oz., 75c.

MAMMOTH DOUBLE ZINNIAS

This mammoth strain has produced excellent results to hundreds of customers who have grown it with great success. The plants are of exceedingly robust habit.

The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double and together with their immense size, produce a very marked effect.

	$\frac{1}{2}$ oz.	Pkt.
Mammoth Double Purple.....	\$0.50	\$0.10
" Scarlet .....	.50	.10
" Red .....	.50	.10
" White .....	.50	.10
" Golden Yellow.....	.50	.10
" Rose Shade.....	.50	.10
" Orange .....	.50	.10
" Salmon Pink.....	.50	.10
" Mixed, all Colors.....	.50	.10

1 Pkt. each of above 8 varieties, 60c.

ZINNIA ELEGANS, LILIPUT

Of compact habit not over 15 inches high; beautiful miniature, perfectly double flowers; splendid for bedding and good for cutting.

	$\frac{1}{2}$ oz.	Pkt.
Canary Yellow.....	\$0.75	\$0.10
Golden Yellow.....	.75	.10
Salmon Rose.....	.75	.10
Scarlet (Red Riding Hood).....	.75	.10
White, Queen .....	.75	.10
Mixed Colors.....	.75	.10

1 Pkt. each 5 varieties, 40c.



Dahlia Flowering Double Zinnia

ZINNIAS—Continued

DWARF DOUBLE

This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good, clear distinct colors. The salmon-rose variety is especially effective. Mixed. Pkt., 5c; ½ oz., 25c.

CURLED AND CRESTED

The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Mixed. Pkt., 10c; ½ oz., 40c.



Giant Dahlia Flowered Zinnias

ST. LOUIS SEED CO.'S Collection of
Giant Dahlia Flowered Zinnias

SPECIAL OFFER TO FLOWER LOVERS**Of Giant Zinnias**

Buttercup. Immense deep creamy yellow.
Crimson Monarch.
Dream. Deep lavender turning to purple.
Exquisite. Light rose, center deep rose.
Golden State. Orange yellow.

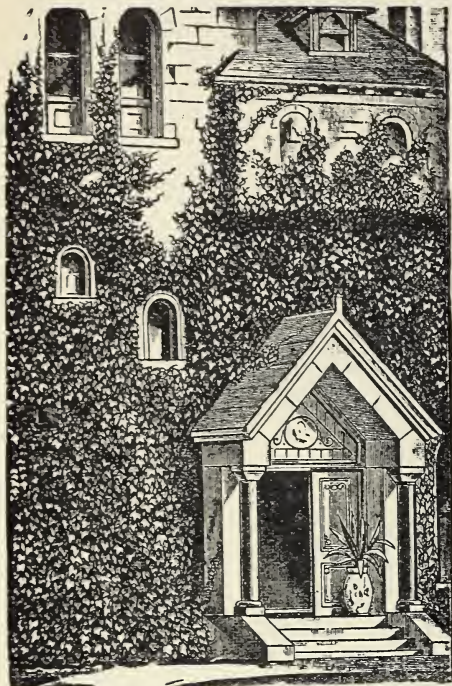
Old Rose.
Oriole. Orange and gold.
Polar Bear. Pure white.
Purple Prince. Large deep purple.
Scarlet Flame. Scarlet with blending of orange.

Special above collection 10 Large Packets for \$1.00

HARDY CLIMBING PLANTS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at Purchaser's expense. No Plants sent C. O. D.



Ampelopsis Veitchii

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds or perhaps shrubs combined with shade trees, with some conception as to the effect to be produced in future years, is a matter to be considered by everyone who wishes to complete the picturesqueness of a villa residence or country home. Shrubs around a house hide unsightly corners and the hard straight lines of the architecture; or grouped at a distance, by the sides of walks, carriage drives and fences, they break what might be a monotonous line of vision over bare lots, and give a tone of privacy to the home surroundings.

AMPELOPSIS

Sometimes called *Boston Ivy* and *Japan Ivy*

Veitchii. This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 feet in two or three years; clings to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange so dazzling as to be seen at a great distance. Extra strong field-grown plants. Each, 50c.

HONEYSUCKLE (Climber)

Halliana (Hall's Japan Honeysuckle). A strong vigorous almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Each, 30c.

Scarlet Trumpet Honeysuckle. This and its varieties are the handsomest in cultivation. It is a strong, rapid grower. Each, 40c.

CLEMATIS

No other climbing plant equals in attractiveness the beautiful Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water and most important of all, they should be planted with the crowns three inches beneath the surface of the soil.

Jackmanni. The best known and most valued large flowering variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. Each, 70c.

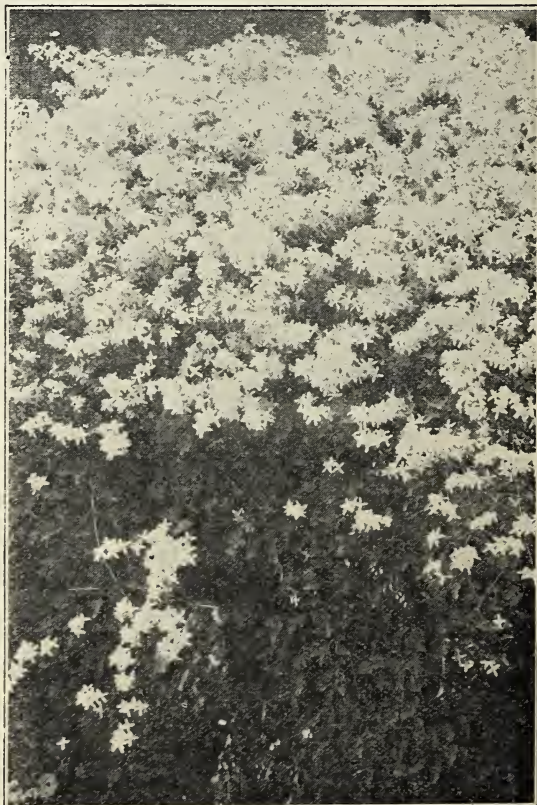
Paniculata. This grand climbing vine is one of the most valuable ever sent to us from Japan. Blooms in the early Fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Strong two-year plants, each, 40c.

WISTERIA

The Wisteria is one of the most decorative of vines, and for porch decoration, without too much shade, it has no superior. The long, twining branches bear great sprays of foliage, while its charming flowers sway with every passing breeze.

W. Sinensis (Chinese). Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. Each 60c.

W. Sinensis Alba. Of similar habit to sinensis, with pure white flowers. Strong plants. Each, 60c.



Clematis Paniculata

HARDY ORNAMENTAL SHRUBS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at Purchaser's expense. No Plants sent C. O. D.



Hydrangea Paniculata Grandiflora

ALMOND, FLOWERING (*Amygdalus*)

This beautiful shrub is one of the loveliest. The flowers are borne on its slender branches during May, and are very fragrant.

Pink. Double-flowering; pink.

Strong plants, 2 to 3 feet, each, 70c.



Deutzia

ALTHEA (*Rose of Sharon*)

The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October, a period when few shrubs are in flower. They are extensively used as hedge plants, for which they are admirably adapted. We offer in 3 distinct colors.

	Each	10 for
Red	\$0.40	\$3.50
Pink .....	.40	3.50
White .....	.40	3.50

CALYCANTHUS

Floridus (Sweet or Strawberry Shrub). A very pretty shrub flowering during May. The flowers are double, chocolate-colored, and strawberry scented. Strong plants, 2 to 3 feet, each, 60c.

BUDDLEIA VARIABILIS VEITCHIANA

Butterfly Shrub, Summer Lilac

One of the most desirable of summer-flowering shrubs, beginning to bloom in July and continues until cut down by severe frost. The flowers are of a pleasing shade of violet-mauve, and are borne in dense, cylindrical spikes from 12 to 15 inches in length by 3 inches in diameter. It succeeds everywhere, and flowers the first season it is planted. The plant dies down in winter, coming up the following spring. Strong plants, 40c each.

DEUTZIA

Very ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in Spring or early Summer.

Pride of Rochester. Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. Each, 45c.

Crenata Rosea (Double Pink Deutzia). A tall shrub usually 6 to 8 feet high with numerous upright branches. Flowers double, pink. Each, 45c.



Spiraea Van Houtte

DOGWOOD (Cornus)

This is a very well-known shrub. The flowers appear in May, before the foliage. In autumn it takes on a rich crimson shade, and is most effective at that time. This is the shrub variety of Dogwood and should not be confused with the Dogwood Tree.

Aurea (Golden Twig Dogwood). A very pretty shrub for winter color effect, bark bright yellow. Each, 60c.

Florida. Flowering tree producing (White Flowering Dogwood). Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turning to deep red. Spreading, irregular form. Used with telling effect in tall shrub backgrounds and corner groups, to inject sparkling white bloom in spring, and for crimson autumn foliage. Each, \$1.10.

Sibirica (Siberian Dogwood). A strong-growing variety with white flowers. The branches are crimson colored in winter. Strong plants, 2 to 3 ft., each 60c.

EXOCHORDA (Pearl Bush)

Grandiflora (Common). A very hardy and handsome shrub from Northern China and Japan. Pure white flowers in clusters on light, wiry branches. Unexpanded buds are like small, round beads of pearly-whiteness. Each, 75c.

FORSYTHIA

A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare.

Intermedia. Flowers bright yellow, glossy green foliage; 3 to 4 feet, extra bushy. Each, 40c.

Viridissima (Green Stem). Thick green leaves; Strong, erect habit, bright golden-yellow flowers in early spring. Each, 40c.

FLOWERING CRABS (Malus)

Rounded, compact, small trees, largely used in lawn groups and high shrub borders, for their profuse early bloom; their dense, glossy, handsome foliage which colors richly; and their ornamental fruits.

Bechtel's. The only genuine double flowered crab. Makes a medium sized tree; perfectly hardy, succeeds well in most soils. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. 2 to 3 feet. Each, \$1.00.

HYDRANGEA

Arborescens Grandiflora Alba (Snowball Hydrangea). The snow-white blooms are of the largest size coming into flower early in June and lasting until late in August. Especially suited for shaded places. 2½ feet. Each, 55c.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong bush form. 3 ft. plants. Each, 60c.

KERRIA (Corchorus)

Japonica. May, June. Yellow. Slender shrub, stoloniferous, with bright green branches, which remain so during winter. Foliage a deep green forming a pleasing background for the single yellow flowers that come throughout the summer months. Each, 75c.

LILAC OR SYRINGA

Lilac or Syringa. Lilacs stand more neglect, heat or drought without showing any bad effects, than any other shrub that can take their place.

Marc Michili (Purple). Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. Each, 65c.

Marie Legraye (White). Free bloomer. Each, 65c.

LONICERA (Upright Honeysuckle)

Ruprechtiana. A fine variety from Manchuria, especially valuable for its showy red fruit. Each, 40c.

Tartarica Grandiflora Rosea. A beautiful shrub, very vigorous, and producing bright red flowers striped with white in June. Each, 40c.

PHYSOCARPUS

Physocarpus opulifolius aureus, Goldleaf Ninebark. Strong-growing shrub. Very conspicuous from the golden hue of its foliage; of strong growth. Each, 70c.

PRUNUS (Plum)

We offer two varieties of the Flowering Plum. **Othello**, Purpleleaf Plum. 6 feet, each, 85c. **Triloba** (Double Flowered) Flowers delicate double pink. Each, 85c.

QUINCE (Cydonia)

Japonica (Flowering) Showy scarlet flowers. A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in spring. Valuable for ornamental hedges; 3 to 4 ft., bushy. Each, 60c.

ROBINIA HISPIDA (Rose Acacia)

Hispida. Bush form; rose colored flowers; fine foliage. Native shrub of spreading irregular growth. Flowers rose-colored in long clusters in June and at intervals through the summer. Each, 85c.

SPIRAEA

Anthony Waterer. A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. Each, 40c.

Douglasii. Immense terminal spikes of deep rose-colored flowers. One of the best. Each, 35c.

Van Houtte. The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Each, 30c.

Prunifolia (Bridal Wreath) Double pure white flowers; perfect gem, each individual flower as double as a *Ranunculus* and very conspicuous. Each, 50c.

**Weigelia****SNOWBERRY (Symphoricarpus)**

Inconspicuous rose-colored flowers in June and July; followed by large clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming; *Racemosus* (white) Pink flowers; showy white berries. Each, 40c.

Vulgaris (Indian Currant) Coral red berries all winter. Each, 40c.

PHILADELPHUS (Mock Orange)

This old-fashioned sweet-scented shrub has long been a close rival of the lilac in popularity.

Coronarius (Mock Orange). For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, white flowers in dense clusters. Each, 50c.

TAMARIX

Africana. Strong, slender, tall-growing shrub of irregular habit, with feathery foliage and small, delicate flowers, borne profusely on gracefully bending branches. The pink flowers are very attractive during May. Strong plants, 2 to 3 feet, each, 45c.

VIBURNUM (Snowball)

One of the most handsome bushes for the yard, with globular clusters of pure white flowers, blooming latter part of May.

Common Snowball (*Opulus* sterile). This old-fashioned favorite grows most anywhere. Attains a height of 6 to 8 feet. It is very hardy and always flowers freely. The numerous flowers appear in compact balls. We recommend it for lawns and cemetery plantings. It is a beautiful plant. Each, 70c.

Opulus (High-Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until late in winter. Strong plants, each, 70c.

WEIGELIAS

These easily take rank among the most popular flowering shrubs, covered, as they are, in May and early June by their large, trumpet-shaped flowers.

Eva Rathke. Considered the finest Weigelia in cultivation, blooming continuously throughout the summer and autumn. The flowers are a rich ruby-carmine. Each, 50c.

Candida. Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the summer. Each, 50c.

Rosea. A charming new Weigelia, flowers brilliant crimson; a beautiful, distinct, clear shade. Each, 50c.

HEDGE PLANTS

We offer two of the principal shrubs that are extensively used for Hedge Plants

California Privet. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, place them 6 inches apart. 2-yr.-old, 24 to 30 inches. 10 for 60c; 20 for \$1.00; 100 for \$4.50.

BERBERIS THUNBERGII (Japan Barberry) **Thunbergii**. Perfectly hardy. Will make a dense hedge from 2 to 3 feet high, which will always remain symmetrical without any pruning. Bears large, nearly round, crimson berries. Each, 20; 10 for \$1.75.

Red-Leaved Japanese Barberry. It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but in the foliage of this new variety is of a rich, lustrous, bronzy red. Each, 50c; 10 for \$4.50.

HARDY EVER-BLOOMING FIELD-GROWN ROSES

**OUR HARDY DORMANT ROSES ARE READY FOR
DELIVERY FROM THE FIRST OF MARCH
UNTIL THE FIFTEENTH OF APRIL**

**Plants Travel Best By Express
No Plants Sent C. O. D.**

Soil. Roses delight in a clay loam, enriched with well-rotted manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil.

Location. Roses delight in an open, airy situation, unshaded by trees and buildings. Always plant in solid beds and each class for itself.

Protection. As soon as severe freezing weather sets in, raise the earth around the plant three or four inches, cover entire bed with dry light manure, then cover with leaves.

SELECT HYBRID-TEA ROSES

Columbia. Of strong, vigorous habit and exceptionally free blooming. The flowers are perfect in form. Color a most pleasing shade of rose-pink and delightfully fragrant. **Each, 60c; Doz., \$7.00.**

Crusader. Large, massive, high pointed buds and full double flowers on stiff stems; fine for cutting; color a rich crimson; particularly good in late Summer and Fall. **Each, 60c; Doz., \$7.00.**

Golden Ophelia. Well-shaped blooms with a heart of golden yellow; shading lighter toward the edges of the petals and delicately scented. The plant is robust and healthy, blooming with great freedom. **Each, 60c; Doz., \$7.00.**

Hadley. One of the very best garden roses; deep, rich, velvety crimson in color and one of the most fragrant roses in our collection. **Each, 65c; Doz., \$7.40.**

Mme. Butterfly. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. **Each, 60c; Doz., \$7.00.**



Mrs. Aaron Ward. Color, deep golden orange, shading to creamy yellow. This popular variety has long been the standard yellow, small-budded "corsage rose." **Each, 60c; Doz., \$7.00.**

Red Radiance. An ideal bedding Rose of American origin that continues to produce its large flowers throughout summer. A Rose that does well everywhere. **Each, 65c; Doz., \$7.40.**

Radiance. Brilliant rosy carmine shaded pink, large, full, of fine form. A constant bloomer and an excellent keeper in summer. **Each, 60c; Doz., \$7.00.**

Sunburst. This magnificent giant-flowering Rose is a constant blooming variety, summer. It has all the good points of merit; a fine long pointed bud; producing fragrant blooms of an especially deep color throughout the long stems; extraordinary, vigorous and healthy, and belongs in the class of big Roses. The color is a beautiful orange-copper, golden orange and golden-yellow, large intense shades, and brilliant in effect. **Each, 60c; Doz., \$7.00.**

Souvenir de Claudius Pernet. A most vigorous grower of erect branching habit, beautiful, brilliant green foliage, long pointed buds of exquisite shape. Very large, full flowers with elongated deep petals. Color, striking sunflower-yellow. **Each, 60c; Doz., \$7.00.**

HYBRID RUGOSA ROSE

F. J. Grootendorst. This is a new type of Rose, which might properly be called a Rugosa Baby Rambler, it being a cross between Rugosa and the crimson Baby Rambler. It is valuable to plant among shrubs in the shrubbery border or use it for an everblooming hedge. **Each, 55c.**

Sir Thomas Lipton. Exceptionally strong grower with very large double white flowers. **Each, 55c.**



Crusader

HYBRID-PERPETUAL ROSES

The varieties listed below are unquestionably the best that can be selected; the most popular type for garden planting.

J. B. Clark. Deep scarlet shaded blackish crimson with rich sheen like a plum. Enormous flowers, beautifully formed. Full, deep, double. Each, 50c; Doz., \$5.75.

Frau Karl Druschki. The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. Large flowers of waxy paper white in June. Each, 50c; Doz., \$5.75.

General Jacqueminot. Known everywhere as the famous "Jack" rose; crimson scarlet, very fragrant, large, full. Each, 55c; Doz., \$6.25.

Gruss an Teplitz. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. Each, 50c; Doz., \$5.75.

Magna Charta. Bright rose, immense in size, full deep and double. Fragrant. Each, 55c; Doz., \$6.25.

M. P. Wilder. Bright crimson-scarlet in color. Flowers, full, round, and extra large. Very fragrant and desirable in any location. Each, 50c; Doz., \$5.75.

Paul Neyron. One of the finest hardy Roses ever grown. It blooms intermittently from June to November, on long, smooth, thornless stems, furnishing a vast quantity of uniform flowers 4 to 6 inches across. Color a bright ruddy pink. Particularly good in Autumn. Each, 55c; Doz., \$6.25.

Prince Camille. Deep velvety crimson-maroon, full and of good form and perhaps the best of all the hardy dark Roses. Each, 55c; Doz., \$6.25.

Ulrich Brunner. A bright cherry-red; flowers large and full; a good strong grower and always does well. Each, 50c; Doz., \$5.75.



HARDY CLIMBING ROSES

Desirable for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium-sized flowers.

American Pillar. A single flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. Each, 45c.

Climbing American Beauty. A Rose of great merit. A cross between American Beauty and an unnamed seeding; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen in one season. Each, 45c.

Dorothy Perkins or Pink Rambler. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade suffused salmon. Each, 45c.

Dr. W. Van Fleet. The color is a remarkable delicate shade of flesh-pink on the outer surface, deepening to rosy-flesh in the center. Sweetly perfumed; beautiful bronze green foliage. Each, 45c.

Gardenia. Buds bright yellow, opening double flowers of cream color; incurving toward evening to the shape and color of a Cape Jessamine, hence its name. Each, 50c.

Mary Wallace. Well formed, semi-double flowers of a bright clear rose-pink with salmon base to the petals, flowers large, generally exceeding four inches in diameter, very free flowering. Each, 50c.

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. Each, 45c.

Silver Moon. Four to five-inch semi-double flowers pure white with thick clusters of yellow stamens. Each, 45c.

One each above 8 Climbers, \$3.40.



ORCHID AND LARGE-FLOWERING CANNAS

Ready for shipment during March and April. By Parcel Post, add 5c dozen, postage.

Of all summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. The foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.



The President

BRONZE LEAF, RED

Ambassador. 3½ to 4 feet. Bronze foliage; color poppy red; very brilliant flowers are borne in immense trusses on strong stalks well above the foliage. Each, 15c; doz., \$1.50.

King Humbert. 4 ft. This is the grandest Canna ever offered. The large heart-shaped leaves are purple-madder brown over bronze. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and margined at the base; a combination of leaf and blossom incomparably beautiful. Each 10c; doz., \$1.00.

Wyoming. Bronze purple foliage, immense spikes of large massive orange flowers. 6 ft. Each, 10c; doz., \$1.00.

CANNA COLLECTION

The President, King Humbert, King Humbert Yellow, Rosea Gigantia, Fiery Cross, Hungaria.

One each of the 6 Fine Orchid-flowered Cannas for 65c.

PLANTING DIRECTIONS

Dormant Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eyes should be 4 inches below the surface. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the standard varieties, every one of which we recommend to our customers.

RED, GOLD EDGED

Charles Henderson. Deep crimson yellow flame at throat. 3½ feet high. Each, 10c; doz., \$1.00.

Fiery Cross. 4 ft. Color vivid scarlet shading to crimson. So firm are the glistening petals that they do not wilt in the brightest sun. The foliage is a beautiful lustrous blue-green. It is entirely free from blight and disease. Each, 15c; doz., \$1.50.

Pennsylvania. 6 ft. Large, orchid-flowered scarlet, overlaid with orange. Each, 10c; doz., \$1.00.

The President. 4 ft. This Canna is superior to any other red variety in the quality and also the quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong erect stalks well above the large, rich green foliage. The foliage is entirely free from disease. Each, 10c; doz., \$1.00.



Yellow King Humbert

ORANGE AND YELLOW

- Canary Bird.** 4 ft. Pure canary-yellow flowers borne on very healthy foliage. The color and habits of foliage identical with The President. Each 10c; doz., \$1.00.
- Gladiator.** 4½ ft. A leader for years. Color is a bright yellow spotted with crimson. No other cannas in this color can surpass this sturdy robust grower. Each, 10c; doz., \$1.00.
- King Midas (New).** A very large flowering, beautiful, glittering Yellow Canna, with green foliage about 5 ft. tall. Fine for bedding. Each, 15c; doz., \$1.50.
- Yellow King Humbert.** 4 feet. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter. Each, 10c; doz., \$1.00.

PINK FLOWERING CANNAS

City of Portland. 3½ feet. A deep pink which does not fade during the hot weather. A free-bloomer, with flowers borne well above the foliage. Each, 15c; doz., \$1.50.

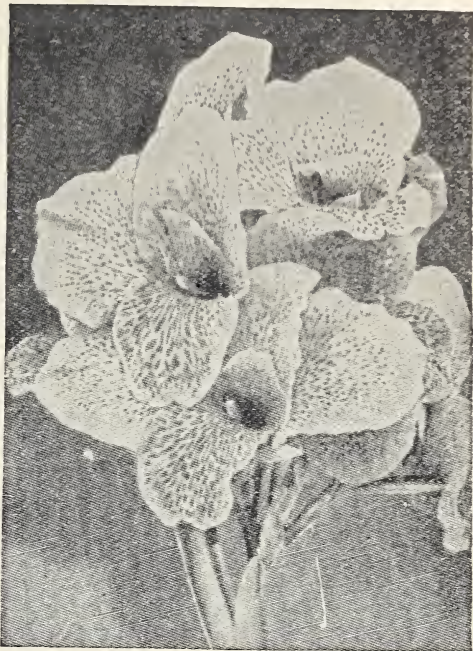


Fancy Leaved

- Mrs. A. R. Conrad.** 3 to 4 feet high. The flower has the ideal canna shape with broad rounded petals opening wide and on a heavy filled truss so as to hide the past blooms. Color an exquisite, soft, opaque pale pink with darker pink in throat. Each, 15c; doz., \$1.50.
- Hungaria.** 3½ feet. The best pink Canna. Trusses of enormous size borne well above the foliage. Very compact, almost dwarf and of a very luxuriant growth. Each, 10c; doz., \$1.00.
- Rosea Gigantea.** 3½ ft. Rich soft rose pink flowers of gigantic size; a prolific bloomer. The large broad petals and the massive heads of bloom invariably create a sensation. Each, 15c; doz., \$1.50.

WHITE CANNAS

Eureka. 4½ ft. The genuine, practical white Canna is found at last. With the advent of Eureka we are granted good full trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color. Sturdy plant and attractive foliage. Each, 10c; doz., \$1.00.



CALADIUM ESCULENTUM (Elephant's Ear)

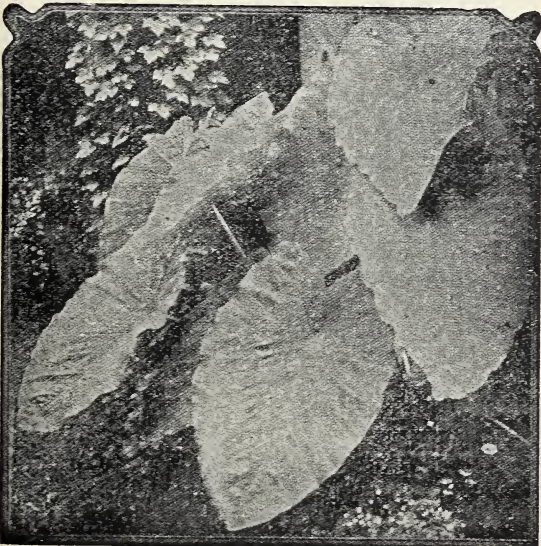
One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost.

	Per Weight		
	Each	Doz.	Each
Mammoth bulbs.....	\$0.35	\$3.50	2 lbs.
First Size bulbs.....	.20	2.25	½ lb.
Medium bulbs.....	.10	1.00	

FANCY LEAVED CALADIUMS

Fancy Leaved. Bulbs 1½ to 2 inches in diameter. For window boxes, slow plants, or greenhouse growing they are invaluable. Rich, thrifty leaves, marbled, veined and striped with white, pink and dark red. Each, 25c.

Caladium



ST. LOUIS SEED CO.'S DAHLIAS

Dahlias by Parcel Post, add 3c each, Postage

This Dahlia deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts of these beautiful Summer and Fall flowers.

Time of Planting. The time for planting Dahlias varies, quite a good deal, according to the locality. In the Central states tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 20. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of four inches.

CACTUS DAHLIAS

Ambassador. Cactus. Color a soft yellow at the center with salmon, amber and pink shadings, gradually deepening towards the tips. The blending of these colors captivates all. The flowers are of largest size and set just right on perfect stems. A strong grower and free bloomer. 75c each.

California Beauty. Cactus. Probably the nearest approach to a pure copper, a flower of excellent form and dainty appearance produced most prolifically on long stiff wiry stems; a gem in the garden and a splendid cut flower. 50c each.

Corona Leo, Hybrid Cactus. Color, a rich flame. Large size; stem is most desirable, holding the flower perfectly erect. An excellent cut flower variety. 75c each.

Countess of Lonsdale. Cactus. Color light pink. There are few varieties that will produce as many perfect, large flowers as Lonsdale; it will blossom under conditions that cause many other varieties to become total failures; good stems, low compact grower, good foliage, an excellent keeper. 40c each.

Daddy Butler, Hybrid Cactus. A most unusual blending of colors, American Beauty shades or rosy carmine, and the reverse of the beautifully twisted and rolled petals of a lighter tint, giving a variation of color. 75c each.

Etendard De Lyon. Cactus. Everyone admires this beautiful rich royal purple flower. 6 inches in diameter and 4 inches deep; a large flower, yet without any stiffness or formality. 35c each.

F. W. Fellows. Cactus. Lively orange scarlet. This extra large flower has a good stem and is one of the best of the narrow-petaled. 75c each.

George Walters. Hybrid Cactus. Salmon pink with golden sheen, tinted buff. Flowers of immense size. One of the most popular dahlias and it does well everywhere. Very early and free bloomer. 50c each.

Jean Chazot. Cactus. Golden bronze with faint suffusion of Nasturtium red. A free blooming. It is a fine exhibition flower, splendid for garden decoration, and unsurpassed by any of the autumn tints as a cut flower. 75c each.

Mariposa. Hybrid Cactus. Light lavender pink, shaded darker in center. Great, shaggy blooms which are produced very freely on splendid long stems. A favorite variety. 75c each.

Sport. Cactus. This, as its name implies, is a sport of F. W. Fellows and is exactly similar except in color, which is a deep buttercup yellow with buff shadings at center. Very attractive. 75c each.

POMPON DAHLIAS

These are tiny, compact growers, usually of quilled petals, and do not require disbudding.

Little Herman. Dainty flower, red and white. 25c.

Little Jewel. A perfect little decorative, about 2 inches across, clear peach blossom pink. 50c.

Neatness. Pale salmon shading to light amber center. Dwarf plant and tiny flower. 35c.

Snowclad. One of the best pure whites. 25c.

Amber Queen. Amber, shaded apricot. Very profuse bloomer. 25c.

Johnny. Dark red or maroon on long stems. One of the very best pompons. 50c.



ST. L. S. CO.'S SELECT DECORATIVE DAHLIAS

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions, a combination which assures their continued popularity.

Amun Ra. Dec. Gorgeous shades of copper and orange, deepening in the full center of amber and bronze. Immense bloom on wonderful stems. Has won many prizes. 75c each.

Champagne. Dec. Golden Champagne with chamois shadings. Very large flower held on rigid stem. One of the best of the California dahlias, remarkable for its coloring and freedom of flowering. \$1.00 each.

Delice. Dec. A valuable addition to the cut-flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft, glowing rose-pink, shading slightly to the center. 35c each.

Dr. Tevis. Dec. A magnificent blossom blend of copper, old rose and old gold. Immense flower with the best possible stem. A California variety which is a pleasure to boost. Has a tremendous record as a prize winner. 50c each.

Jersey's Beauty. Dec. If we could grow but one dahlia this would be the one, as it has everything to recommend it; pure pink color, large size, perfect formation and stem, fine growing habit, and is an exceptional keeper. A wonderful cut flower. 75c each.

Jersey Beacon. Dec. A decided novelty of Chinese scarlet with a paler reverse, giving a two-toned effect. An exhibition flower of vigorous growth, excellent stem. Awarded silver medal for best new seedling at exhibition of New York Horticultural Society in 1924. There is no variety that was ever grown that has attracted as great attention as Jersey's Beacon. \$1.00 each.

Faith Garibaldi. Dec. This flower, although one of the largest grown, is not at all stiff, and is held erect on a very vigorous bush by a perfectly rigid stem. The color was with us a soft rose with a silvery rose center and reverse, giving a general silvery pink tone. \$1.00 each.

Kitty Dunlap. Dec. If this has any weak points they are not noticeable. It flowers early and continues perfect throughout the season, its blooms are of the largest size, all that can be wished for in shape and are carried on long stiff, practically leafless stems; in color it is a much admired beautiful shade of carmine-rose with a brilliant suffusion. 75c each.

Mrs. Carl Salbach. Dec. An immense flower of light mauve pink, shading white in center, every petal outlined in deep mauve. Extremely long strong stems. One of the best dahlias. 50c each.

Mrs. I. De Ver Warner. Dec. The flowers grow to an immense size without any great amount of dis-budding, are of a perfect regular type and of the most glowing shade of mauve pink. The plants are tall, vigorous growers, and start giving flowers early in the season and continue to produce quantities of them until the end. This variety has been a success wherever grown. 50c each.

Mrs. Eleanor Martin. Dec. One of the finest and most satisfactory dahlias. Although a giant in size, it has a beautiful formation and every good quality. Color has been described as mulberry with golden suffusion, stem is perfect, and it is a free bloomer. \$1.00 each.

Patrick O'Mara. Dec. Named in honor of one of America's noted horticulturists. It is of free-flowering habit. The flowers are of good size, perfect form, and in color a rich chrome-yellow, with salmon-red suffusion. 60c each.

Pride of California. Dec. A brilliant glowing cardinal-red of very large size held on extra good stems, very free flowering and a good keeper when cut. If you are looking for size you can get it with this variety. 50c each.

Rookwood. Dec. An entirely new shade of bright rosy cerise, without the slightest tinge of magenta, greatly resembling the color of the Mrs. Charles Russell rose, and exceptionally beautiful under artificial light. The immense flowers are of true decorative type with full centers, a good depth and held aloft on splendid straight stems. The bushes grow low and spreading and are always a mass of blooms. \$1.00 each.

Sagamore. Dec. An exceptionally fine exhibition or cut flower of a golden color, shaded toward the center with a warm or orange buff. Stems straight and stiff and wonderful keeping qualities when cut make this flower most desirable. \$1.00 each.

World's Best White. Dec. The best all-around commercial white and equally good for exhibition or the garden. The immense creamy white blooms are borne profusely on stiff stems. \$1.00 each.



SELECT GLADIOLUS

Gladioli, by Parcel Post, add 5c per doz.

The Gladiolus is one of the most decorative plants in the garden, and as a cut flower lends itself readily to any arrangement. If the spikes are cut when the lowest flower is in bloom, the others will open in succession and remain fresh a week or ten days. No flower has gained more rapidly in public favor than the Gladiolus; this could not well be otherwise, for in addition to the great intrinsic merit of the flower, it is hardy and blooms the first season from bulbs.

Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs six to nine inches apart, the large ones four inches and the small ones two inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from midsummer until frost. A free use of water during the season of active growth and particularly as the buds begin to show color will be beneficial in producing fine blossoms.

SIX NEW GLADIOLUS

The six sorts offered below are of unusual high grade and will be a real surprise to those who are only familiar with the older varieties.

Dr. F. E. Bennett. This is among the finest of the new reds. Tall, sturdy grower with well arranged flower formation and highly regarded by all who see it. Each, 20c; per doz., \$2.25.

Golden Measure. This is the first really rich yellow large flowering variety produced, it makes a handsome spike well filled with the large blooms and is a strong free grower. Per doz., 75c; per 100, \$5.50.

Mary Fennel. A beautiful shade of deep lavender, with petals penciled primrose. Flowers are large in size, borne on spikes medium in height. An

excellent variety for contrasting with pale pink and primrose sorts. Per doz., 75c; per 100, \$5.50.

Mrs. Leon Douglas. Ground color Begonia-Rose, striped with flame and brilliant scarlet. Lip is pale lemon slightly speckled with ruby. The size of the flowers, we believe, is the largest in existence. Doz., \$1.00; 100, \$7.50.

W. H. Phipps. LaFrance-pink overlaid with light rose-salmon, lighter toward the center. Lower petals very faintly striped and speckled with ruby. Flowers enormous. A masterpiece in Gladioli. Each, 20c; doz., \$2.25.

President Harding. Rose and magenta slightly overlaid with orange and with small yellow markings on the petals. Excellent recent introduction. Doz., 90c; 100, \$7.00.

GENERAL LIST OF GLADIOLUS

BLUE SHADES

Anna Eberius. An extra fine variety and one that is destined to become very popular; color, dark velvety purple, throat a deeper shade. Doz., 60c; 100 for \$4.50.

Herada. Blooms of immense size on tall straight spikes; the color is pure mauve, glistening and clear with deeper markings in throat. Doz., 50c; 100 for \$4.00.

Mary Fennel. A beautiful shade of deep lavender, with petals penciled primrose. Flowers are large in size, borne on spikes medium in height. Per doz., 75c; per 100, \$5.50.

RED SHADES

Crimson Glow. Deep scarlet-red, lighter in throat. Carmine blotch on lower petals. Large flowers well arranged on a very long straight spike. Doz., 60c; 100 for \$4.50.

Mrs. Francis King. The magnificent flowers measure 4½ inches across. The color brilliant flamingo-pink, blazed with vermilion red. Doz., 50c; 100 for \$3.50.

Red Canna. Deep crimson; large flowers on very tall, wiry stems; very suitable for cutting. Doz., 60c; 100 for \$4.50.

Remembrance. Tall spike, many large flowers open at one time. Deep salmon rose pink, throat heavily zoned. Doz., 60c; 100 for \$4.50.

Scarlet Princes or Virginia. Flaming scarlet; large, massive flowers, many open at a time, making a gorgeous display of dazzling red; good forcer. Doz., 60c; 100 for \$4.50.

YELLOW SHADES

Golden Measure. A deeper shade of yellow, heretofore unknown in the large-flowering Gladiolus. Per doz., 75c; 100 for \$5.50.

Schwaben. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. Doz., 60c; 100 for \$4.50.



Dr. F. E. Bennett

GENERAL LIST OF GLADIOLUS

PINK SHADES

America. The color is a soft pink very much like the Enchantress Carnation, except slightly tinged with lavender effecting a perfect color harmony. Doz., 50c; 100 for \$3.50.

Elizabeth Tabor. Delicate rose pink on white ground, rich dark crimson blotch pointed yellow. A sensational novelty of great size and beauty. Doz., 70c; 100 for \$5.25.

Halley. The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center. Doz., 50c; 100 for \$3.50.

Le Marechal Foch. Clear light pink, a shade brighter than America; very large wide open flowers on strong, stiff stem; very early and useful cut flower. Doz., 50c; 100 for \$3.50.

Los Angeles. Shrimp pink with orange carmine throat, distinct and elegant. Reputed to be ever-blooming in California, but this quality is not very evident in the middle west. Doz., 70c; 100 for \$5.25.

Mrs. Dr. Norton. White, the edges suffused with soft pink. The three lower petals have a blotch of sulphur-yellow, strained at the base with fine specks of pink. Doz., 60c; 100 for \$4.50.

Mrs. Leon Douglas. Flowers of enormous size, many open at a time on very tall strong stems. Color, Begonia-rose, striped with flame scarlet; lower petal pale lemon speckled ruby. Per doz., \$1.00; per 100, \$7.50.

Mrs. Frank Pendelton. The petals show beautiful bright rose-pink on a pure white ground, contrasting in a most striking way with the deep rich velvety blood-red blotch on the lower petals; as showy as an orchid. Doz., 50c; 100 for \$3.50.

Pink Wonder. Very large, wide-open flowers of lily-like form produced on tall, strong spikes. The color is white, tinted La France-pink. Doz., 70c; 100, \$5.25.

Prince of Wales. A seedling of Halley, which it resembles, but is even earlier to bloom. Doz., 50c; 100 for \$3.50.

Rose Ash. Peculiar soft, old-rose tones, fading to ashes of roses on the outer edges of petals. Very unique in coloring and greatly admired. If you have a room with mahogany furniture and mulberry hangings, this is an ideal indoor setting for Rose Ash. This is a decidedly new color in Gladiolus. Per doz., 75c; per 100, \$5.50.

1910 Rose. Extra large flower; pure rose-pink; exceptionally fine; early, good forcer. The large flowers are well expanded and of perfect form. Doz., 50c; 100 for \$3.50.

Willbrink. An early flowering variety, with attractive flesh pink flowers, with creamy white blotch on lower petals. Doz., 50c; 100 for \$3.50.

WHITE

Chicago White. A fine white variety with lavender stripes on lower petals. Medium sized flowers borne on a tall spike. Doz., 50c; 100 for \$3.50.

L'Immaculee. Pure white; tall slender stems with many flowers open at a time; very desirable cut-flower variety; early. Doz., 60c; 100 for \$4.50.

Peace. Few varieties have become as popular as Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals. They are large in size, well placed, and are borne on tall, strong spikes. Per doz., 60c; per 100, \$4.50.

CHOICEST MIXED
GLADIOLUS COLLECTION

One bulb each of 12 named varieties. Absolutely the finest assortment of Gladiolus offered by anyone. This collection gives you a magnificent display of Gladiolus of every conceivable color, shading and marking. Per collection of 12 bulbs, 40c.

PRIMULINUS HYBRID

The blooms are distinct in their pleasing form and arrangement. Although the individual flowers are not large, they carry an air of grace altogether different from the stiff effect of other types.

Alice Tiplady. A rich orangy saffron, very beautiful and artistic blooms. Doz., 50c; 100 for \$3.50.

Souvenir. Purest golden yellow of all Gladioli; large, beautifully shaped flowers on tall stem. Doz., 65c; 100 for \$5.00.

Maiden's Blush. Exquisite blush pink, finely formed flowers on wiry stems. Doz., 50c; 100 for \$3.50.

Primulinus Hybrids. Mixed. Self colors that are most pleasing on account of their delicacy. They vary from pale yellow to bright orange salmon, apricot and light scarlet. Doz., 40c; 100 for \$3.00.

GARDEN COLLECTION

24 Selected Bulbs - - - - \$1.00

SEE FRONT COVER

AMARYLLIS

Cultural Directions. When bulbs are received they should be placed where they will always be slightly moist and warm. When first potted, give very little water and promote growth by giving moderate bottom heat; increase the supply of water as the plants grow.

New Hybrids. Flowers of largest size composed of broad, well-rounded overlapping petals; gigantic blooms of the most perfect form, ranging in color from pure white, rose, red and crimson to the richest self colors as scarlet. Select bulbs, 70c each.

Johnsoni. Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, 50c; doz., \$5.00.

BEGONIAS (Tuberous Rooted)

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.

SINGLE BEGONIAS

	Each	Doz.		Each	Doz.
Rose	\$0.25	\$2.75	White	\$0.25	\$2.75
Scarlet .....	.25	2.75	Yellow .....	.25	2.75

DOUBLE BEGONIAS

	Each	Doz.		Each	Doz.
Rose	\$0.25	\$2.75	White	\$0.25	\$2.75
Crimson .....	.25	2.75	Yellow .....	.25	2.75

CALLA LILIES

Callas occupy a prominent place among our favorite house plants because they are so easily grown and give thorough satisfaction.

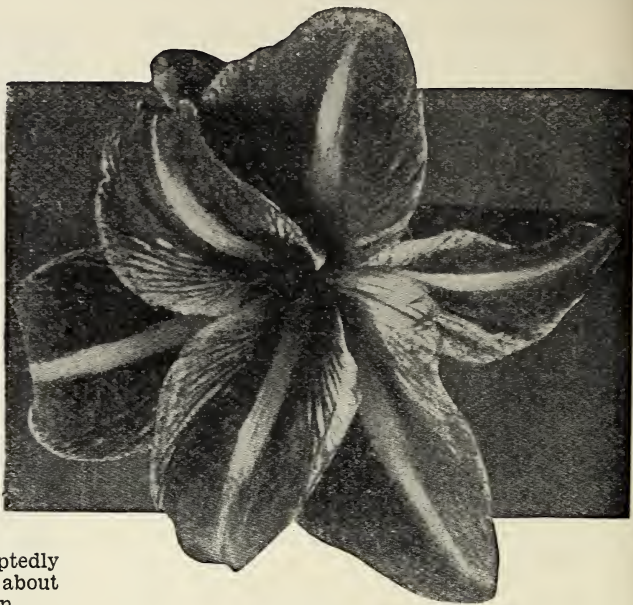
Elliottiana (Yellow Calla Lily). Golden yellow, 35c each.

CINNAMON VINE

A beautiful, rapid-growing Summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in Winter, but growing with great rapidity in the Spring, so as to cover any trellis or arbor very early in the season. Large, select roots. Each, 10c; dozen, \$1.00.



Lilium Speciosum Auratum



ISMENE CALATHINA

(Pancratium Lily or Peruvian Daffodil)

One of the choicest of our summer flowering bulbs, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers. Bulbs should be kept warm and dry and planted out in the middle of May. They will commence flowering in July. Large bulbs, each, 20c; dozen, \$2.25.

LILIES (Hardy Japan)

By mail, add 15c dozen, Postage

Lillies have always been regarded as among the most beautiful of garden plants. Of queenly, faultless purity and stately form.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select well-drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from five to seven inches deep.

Auratum (The Golden Rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Large bulbs, each, 35c; dozen, \$4.00.

Melpomene. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered. Large bulbs, each, 35c; dozen, \$4.00.

Speciosum Rubrum. Petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Large bulbs, each 35c; dozen, \$4.00.

Tigrinum Fl. Pl. (Double Tiger Lily). Double, showy flowers of orange-red, spotted with black. Each, 30c; dozen, \$3.00.

Tigrinum Splendens (Improved Tiger Lily). Bright orange-red, spotted with black; very showy. 4 to 5 feet. Each, 25c; dozen, \$2.75.

Elegans Mixed. Beautiful, showy Japanese Lilies flowering in June and July; 2 feet high. The cup-shaped flowers range through the reds and yellows. Excellent for rock gardens. Each, 25c; doz., \$2.50.

PEONIES

By Parcel Post add 5c each for Postage

Time of Delivery. All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.

They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position.

Albert Crousse. Bomb type. Large, well-formed flowers of soft shell pink with faint salmon tints. Vigorous grower with tall erect stems. Late. Each, 60c; doz., \$6.25.

Duchesse d'Orleans. A deep pink, bearing fine flowers; one of the best keepers. Each, 50c; doz., \$5.25.

Edulis Superba. Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. One of the best commercial Peonies. Each, 50c; doz., 5.25.

Felix Crousse. Rich ruby red; bomb type. Fragrant; midseason. Blooms freely. Each, 75c; doz., \$8.50.

Festiva Maxima. Very large, pure white flowers; tall and vigorous stalks. Early. Each 50c; doz., \$5.25.

Karl Rosenfield. Semi-rose type; midseason. Very large globular compact flower. Rich dark crimson in color. Very strong, tall, compact grower and free bloomer. A brilliant and striking variety, attracting universal attention. Each, 85c; doz., \$9.50.

PEONIES IN COLORS

	Each	Doz.	100
Double Pink.....	\$0.40	\$4.50	\$30.00
Double Red.....	.40	4.50	30.00
Double White.....	.40	4.50	30.00



Tuberose



Madeira Vine

MADEIRA VINE

A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm sheltered, sunny location. It is also a very pretty plant for training around the windows. Each, 10c; doz., \$1.00.

MONTBRETIA

These beautiful bulbous flowers have long been neglected in this country. Some of the newer kinds have flowers as large as Gladioli. Each bulb will give you several fine spikes of flowers, many flowers to each spike. The long, slender green foliage works in well with many kinds of flowers. Each, 10c; doz., \$1.00; 100, \$7.50.

OXALIS

The summer-blooming varieties which we here offer are unexcelled as an edging to borders of walks of flower beds. Planted two or three inches apart they produce an unbroken row of handsome foliage and pretty flowers. Mixed colors. Doz., 25c; 100, \$1.75.

TUBEROSE

By Mail, add 10c Dozen, Postage

The flowers of this popular plant are waxy-like, one of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year 'round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

DOUBLE PEARL TUBEROSES

One of the most delightfully fragrant and beautiful of the Summer flowering bulbs. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the first of May, or as soon as the ground becomes warm. Each, 10c; per dozen, \$1.00; per 100, \$7.00.

MEXICAN EVER-BLOOMING SINGLE

These bulbs may be planted as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost.

This Mexican Ever-Blooming Tuberose is easily grown in the greenhouse and makes one of the best and most useful varieties for forcing. Dozen, 75c; per 100, \$6.00.

ST. LOUIS SEED CO.'S DEPENDABLE POULTRY SUPPLIES

INTERNATIONAL SANITARY HOVER

THE SCIENCE OF BROODING CHICKS

A brooder is an artificial hen. Its purpose is to perform the duties of a mother hen toward the chicks so far as the hovering is concerned. Baby chicks spend the day running in and out under the hover to get warmth when chilly and to scratch for food. This gives them plenty of fresh air so that almost any hover will do for the day time.

But at night it is different. They hover instinctively under the brooder—just as they would under the mother hen—and trust to the brooder to bring them safely through the night. If the hover is a good one they will come out healthy and happy in the morning, and the result will be healthy, robust broods. And how they come out in the morning depends upon the brooder.

The greatest loss in the poultry business is in the raising of baby chicks and that is why you should give a great deal of attention to your brooding problems. You ought to know why the Sanitary Hover has a canvas curtain. Why it is perfectly ventilated at night and every chick is sure of plenty of fresh air during the night, why the curtain prevents all drafts from striking the chicks, and why you can depend on seeing every chick ready to face the new day.

A complete catalog of the International Sanitary Hover will be mailed you free. Write for a copy and learn the system of perfect ventilation found only in "The One Perfect Brooding Device."

Price \$13.50

BETTER THAN

A MOTHER HEN

"DANDY" BROODER STOVE

The Dandy is simple in construction and has no complicated or unnecessary parts

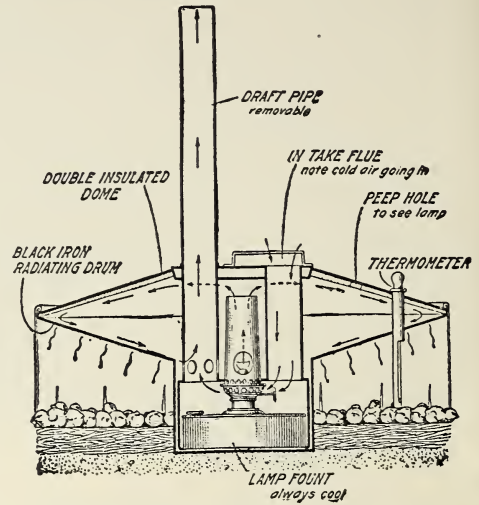
The Dandy is self-regulating and requires very little attention. It will burn nearly any kind of fuel. Hard coal, chestnut size is best, as it burns slowly with an even heat, but soft coal or coke can be used successfully.

The stove has a large deep fire pot and is filled from the top.

The Dandy is made of highest quality iron castings which will last and wear indefinitely.

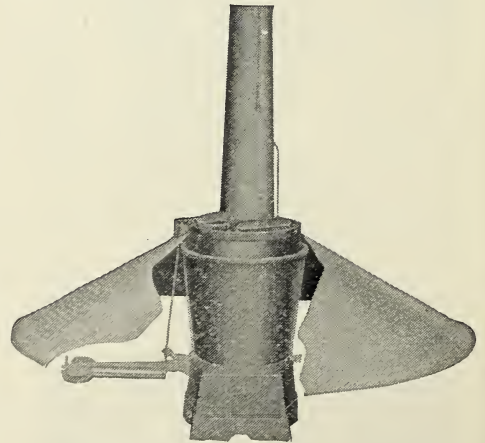
The automatic control by means of the thermostat reduces the work to a minimum. It is easily adjusted to any degree of heat and after adjustment at the beginning of the season, requires no further attention.

We can recommend this stove very highly. The Dandy is made in one size only; 52 in. canopy. Price \$15.75, F. O. B. St. Louis, Mo.



Sectional View of the Sanitary Hover

The cool air flows in through the intake flue, discharging at the bottom near the lamp, which keeps the oil fount always cool and safe. This circulation is caused by the current of warm air flowing constantly up through the tall draft pipe which current of air carries off the fumes from the lamp after the heat has served its purpose. By this arrangement the heat is made to radiate in all directions from the top and sides of the lamp chimney. The black-iron radiating drum is thin and easily radiates heat; and inasmuch as the drum is lower at the edge than near the center, it gets warm first at the edge and is always warmer there than near the lamp. This feature i. e., a higher temperature at the outer edge, is what especially pleases the practical poultry raiser, as it prevents crowding.



We can supply anything in the line of Buckeye Incubators and Buckeye Brooders.
Write for Special Catalog.

LAWN PARK EXTENSION COOP

This coop is a combination closed and open air coop. When the coop is extended it forms an open air coop. It keeps the hen and her brood together. The wire extension has no bottom. This allows the hen and little chicks to scratch and pick on the ground. It can be moved from place to place to give the brood a new place for scratching which they enjoy very much and makes them thrifty and prosperous. When the brood is confined in this coop it keeps the other fowls away from them and they are undisturbed. The bottom has a flange on each side extending upward so the little chicks cannot get their feet caught. When the extension is drawn out or pushed in the wire extension has three doors which can be used either when coop is extended or closed. When desired, close the coop by pushing in the extension.

They come nested one over the other and are packed one-half dozen in a wood crate and weigh about 188 pounds to the crate.

Size of coop extended, 46 inches by 20 inches and 18 inches high. When closed 24x20x18 inches.

Each\$4.00

Cannot be mailed.



MOE'S OATS SPROUTER

The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small space.

The best results are obtained if the sprouter is placed in a cellar near the furnace or in a room with a temperature of 65 degrees or 70 degrees. Use good oats and soak them in water for about 12 hours, then fill the trays to a depth of about 1 inch. Sprinkle and stir with a paddle each day until they sprout. Then discontinue stirring, but continue to sprinkle daily.

No lamp or heater required.

Total height of frame, 3 feet. Size of pans 16 inches by 18 inches.

Packed knocked down, one in a crate. Shipping weight, 25 pounds.

No. 110. Moe's Oats Sprouter. Each\$5.50

Cannot be mailed.



ECONOMY TRAP NEST FRONT

Simple in operation, with no small loose parts to get out of order.

Can be easily fitted to any orange or ordinary wood box or coop and gives the breeder the opportunity to use a size nest best adaptable to his birds, with a uniform automatic trap feature suitable for any breed of fowl.

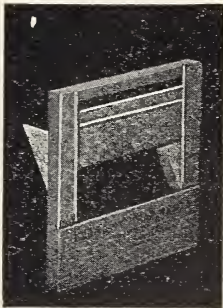
Effectively traps the hen, yet allows ample ventilation.

Door is hinged, making it easy to remove the hen or clean the nest. Made in one size.

Trap nest front. Each 2 lbs.\$0.50

Per dozen 20 lbs. 6.00

By mail, add Postage.



NEST EGGS

Lice Repelling White Nest Eggs. Made of naphthalene. Aid greatly in keeping the nest and hen free from vermin. Shipping weight, per dozen, 3 lbs. By mail, add postage. Price, per dozen.....\$0.60

China Nest Eggs. Made of white porcelain natural in appearance, and uniform in size. Will not easily break. They induce the hen to lay where she should, in the nest provided for her. Shipping weight per dozen, 2 lbs. By mail add postage. Price, per dozen\$0.35

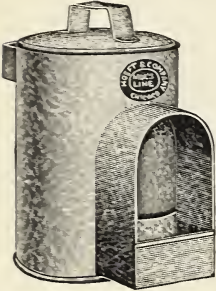
MOE'S TOP-FILL FOUNTAIN

Fill in the morning and your chickens have an all-day supply of pure water at just the right temperature.

The double wall keeps water cool in summer and retards freezing in winter. No valves to get out of order. Thoroughly sanitary and as easily cleaned as an ordinary pail. Does away with slopping over when being filled. Can be hung up out of the litter and the square pan prevents spilling at that time. The square pan also affords drinking facilities for two pens at the same time.

- Fills from top. The most popular fountain on the market.
- No. 1. 1-gallon capacity, shipping weight 4 lbs., each.....\$1.40
 - No. 2. 2-gallon capacity, shipping weight 5 lbs., each..... 2.15
 - No. 4. 4-gallon capacity, shipping weight 9 lbs., each..... 2.65

If wanted by mail, add Postage.

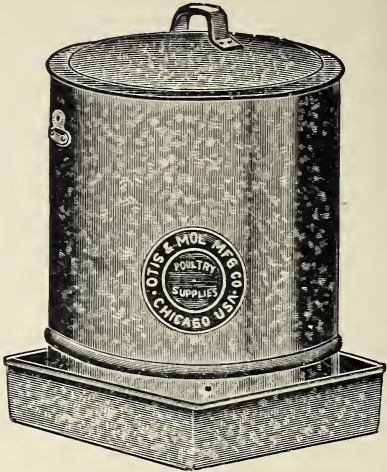


MOE'S IMPROVED WALL FOUNTAINS

Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

- No. 98. 1 gallon capacity, shipping weight 4 lbs. Each.....\$1.00
- No. 99. 2-gallon capacity, shipping weight 5 lbs. Each.....\$1.40

If wanted by mail, add postage.



MOE'S BOTTOM-FILL FOUNTAINS

This fountain fills the breeder's requirements for a good, inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. The cone-shaped top prevents chickens from roosting thereon. Made of best quality galvanized.

- | | |
|-------------------|--------|
| No. 19. 1 qt..... | \$0.25 |
| No. 20. 2 qt..... | .30 |

Shipping Weight
1 lb.
2 lbs.

By mail, add postage.



SANITARY EARTHEN FOUNTAIN

Constructed of white stone ware, in two parts, so that it can be easily filled and cleaned. It is the best fountain for use in administering medicine in water to your poultry.

These fountains keep the water fresh and cool in hot weather and are endorsed by many successful poultrymen.

Nothing to wear out on these founts, and for use during these hot summer months they are unsurpassed. The different sizes will do for baby chicks, grown fowl or pigeons. Cannot be mailed.

Sanitary earthen founts are made in the following sizes:

- | SIZES AND PRICES | | | | | |
|------------------|-------------|-------------|------------|-------------|--------------|
| 1 qt..... | Each \$0.40 | Doz. \$4.75 | 1 gal..... | Each \$0.80 | Doz. \$ 9.50 |
| 2 qt..... | Each .60 | Doz. 7.00 | 2 gal..... | Each 1.00 | Doz. 11.00 |

Half Dozen NOT sold at the dozen price. Cannot be sent by mail.

We will not be Responsible for Sanitary Earthen Fountains Broken in Shipment.



sanitary Drinking Fountain

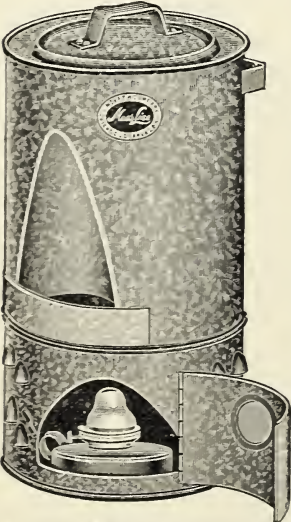
MOE'S WINTER FOUNTAIN

A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

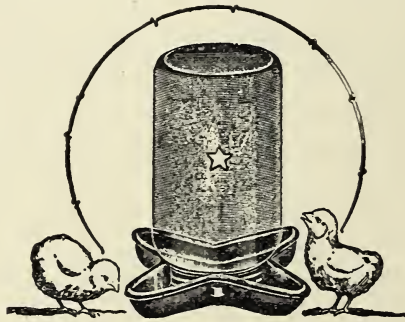
The fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight 11 lbs. complete. Heater can be used under any fountain.



- No. 75. Winter Fountain. Each.....\$3.60
 - Heater only, shipping weight, 5 lbs..... 1.90
- By mail, add Postage.

MOE'S STAR FOUNTAIN AND FEEDER



The latest improved type of Mason jar founts. Made of single piece of heavy, non-rusting material. No seams, no solder, no loose parts, cannot leak. Provides a greater drinking surface than the round fountains. Can be used for feed as well as water. Little chicks cannot drown. Fits any mason jar. Convenient, practical, low in price and durable.

PriceEach 10c Doz., \$1.20

Shipping weight, per dozen, 4 pounds. By mail, add postage. We do not furnish jars.

MOE'S DRY MASH HOPPERS

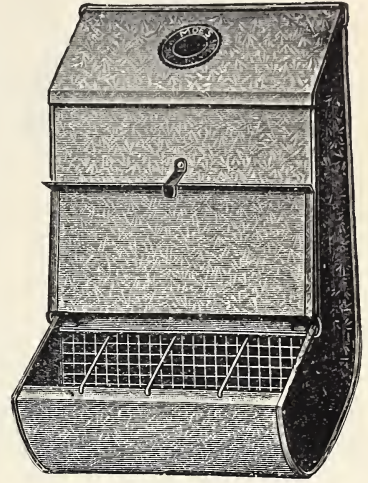
A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

The sloping top prevents them from roosting on the hopper. When both covers are closed it is rat, mouse and weather proof. Made in four sizes.

	Height	Width	Shipping Weight	Each
No. 35.....	19 in.....	8½ in.....	5 lbs.....	\$1.50
No. 36.....	19 in.....	12 in.....	6 lbs.....	1.70
No. 13.....	19 in.....	18 in.....	8 lbs.....	2.20
No. 37.....	19 in.....	24 in.....	11 lbs.....	2.60

By mail, add Postage.



No. 36

GRIT AND SHELL BOXES

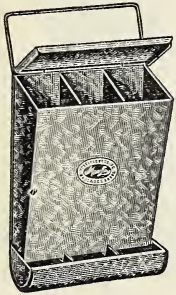
The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than those practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

Made of heavy galvanized iron in three sizes. No. 45 for baby chicks has a square bottom, the other sizes have round bottoms.

	Compartments	Shipping Weight	Each
No. 45	Two.....	2 lbs.....	\$0.40
No. 9	Three	3 lbs.....	.75
No. 90	Four	4 lbs.....	1.00

By mail, add Postage.



No. 9, Grit and Shell Box



No. 45

MOE'S PIGEON FEEDERS

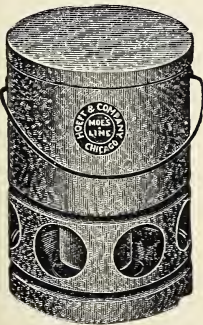
Pigeons are particular and fastidious feeders with a strong tendency to scatter and waste feed. Moe's round pigeon feeder was especially designed to overcome this. Made of heavy galvanized iron, with feeding holes properly spaced all around the hopper. has a slanting bottom leading through a large tube to the feeding bottom. This

feeding trough or bottom is also made on a slant, causing the birds to reach for the food and prevents them from billing the feed out and wasting it.

A practical, economical feeder which will soon save its cost.

No. 106. 6-quart capacity. Shipping weight, 4 lbs. Each.....\$1.20

By mail, add postage.



PIGEON NESTS

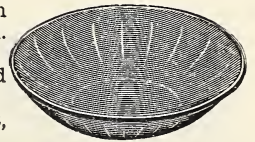
Made of galvanized iron. Diameter 8 inches with a small hole punched in center so it can be tacked to a board. Generally used in pairs.

Light in weight, yet substantial, and easily cleaned.

Packed 24 in a box. Shipping weight, 12 pounds.

By mail, add Postage.

No. 107. Pigeon Nests. Each.....\$0.15
Per dozen 1.80



EXHIBITION COOPS

These exhibition coops, made of the best galvanized steel wire and sheet metal electrically welded, are the most attractive and best value on the market today. They contain no clips or projecting bolts to break the feathers of the fowl. The doors are large, making it easy to remove the birds or replace them.

The middle partitions are woven close so the birds cannot fight when close together. By removing the middle partition you can combine two or more coops, as many as desired, for trios or pens. Two coops made in one are large enough for a pen of five birds.

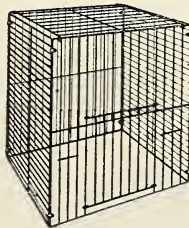
Single coop, 24x24x27 inches high.

Each \$1.75; Dozen, \$20.00.

Pen, 48x24x27 inches high. Each.....\$3.00

Dozen 35.00

Exhibition coop cups. Each, \$0.20; Postpaid, \$0.25.



MOE'S ROUND BABY CHICK FEEDERS



No. 11 Feeder

This round feeder is one of the most popular feeders on the market. Made of best quality galvanized iron, accurately stamped with dies and well made in every detail. The top fits snugly, yet the feeder can be easily taken apart for cleaning and filling. It is a great food saver, as the chicks cannot get into the feeder and contaminate the food. The chicks cannot upset it.

No. 11. Diameter, 6 in., shipping weight, 1 lb. Each.....\$0.10

No. 12. Diameter, 8 $\frac{1}{4}$ in., shipping weight, 2 lbs. Each..... .20

By mail, add Postage.

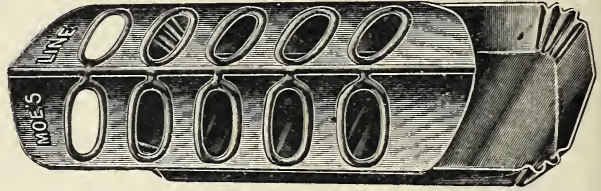
ALUMINUM FEEDING TROUGHS

Buttermilk Feeding Troughs, made of pure aluminum, which is not affected by the acids of milk and similar feeds.

The trough and top are each stamped in one piece, no seams, rivets or solder used. Sliding Top makes it easy to clean and fill. Made in two sizes.

	Length	Shipping Weight	Each
No. 69	10 in.	1 lb.	\$0.50
No. 70	20 in.	1 lb.	.90

By mail, add Postage.



MOE'S DOUBLE FEEDING TROUGHS

Made of best quality galvanized iron. Double trough, with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.

No. 58. Length 12 in., shipping weight 2 lbs.	Each.....	\$0.30
No. 59. Length 18 in., shipping weight 2 lbs.	Each.....	.40
No. 60. Length 24 in., shipping weight 3 lbs.	Each.....	.50

By mail, add Postage.



MOE'S LARGE CAPACITY FEEDERS

A wonderful feeder for young growing stock. Has a large capacity, with 16 openings on each side, so that 32 chicks can feed at one time. The birds cannot roost on the cover or sides, so it is impossible to foul the feed.

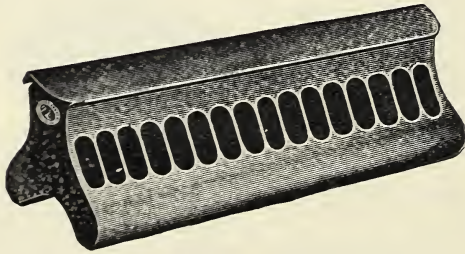
Has a sliding top cover, easy to fill and clean.

A great time and labor saver where chicks are raised in large numbers.

No. 140. Made of heavy galvanized iron. Length 21 inches. Width 8 $\frac{1}{2}$ inches. Height 7 inches. Capacity 10 quarts. 32 feeder openings. Shipping weight, 5 pounds. Price: each, \$1.00.

No. 141. Made of heavy galvanized iron, capacity 17 qts.; length, 35 in.; width, 8 $\frac{1}{2}$ in.; height, 7 in. 54 feeder openings. Shipping weight, 8 lbs. Price each\$1.60

By mail, add Postage.

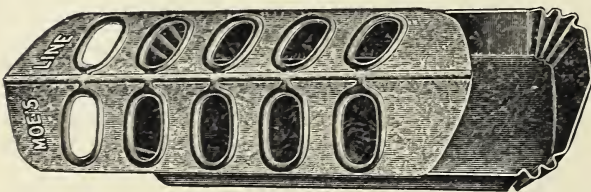


MOE'S ECLIPSE FEEDING TROUGHS

A new popular priced feeding trough, made of galvanized iron and intended for chicks and growing stock. The pan and top are both stamped in one piece, no seams, rivets or solder used. Sliding top makes them easy to fill and keep clean. Made in two sizes.

	Length	Shipping Weight	Each
No. 27	10 in.	1 lb.	\$0.20
No. 28	20 in.	1 lb.	.30

By mail, add Postage.



PARCEL POST EGG CARRIERS

FARMER'S FRIEND EGG CARRIER

Insures safety of egg transportation through the mails. A boon to poultry raisers everywhere. Light in weight.
Strong in construction.

In our Farmer's Friend Egg Carrier you will find one of the most useful and convenient articles that a farmer and poultryman can have. No shipper of eggs can afford to be without these Parcel Post Egg Carriers. The demand from the city markets for fresh eggs is such that it is to the wide-awake farmer or poultryman's interest to be prepared to mail eggs as soon as laid. Parcel postage is cheap, hence big returns await the egg shipper.

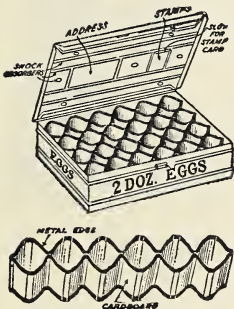
The Farmer's Friend Egg Carrier is made with patent lid fastener and equipped with handle as shown in cut.

Capacity	Weights	Each
6 doz.....	5 lbs., postage extra.....	\$1.00
9 doz.....	6½ lbs., postage extra.....	1.10
12 doz.....	8 lbs., postage extra.....	1.20
15 doz.....	9 lbs., postage extra.....	1.30

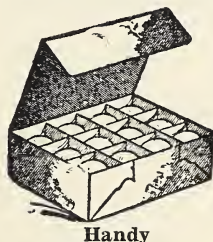


Farmer's Friend Egg Carrier

METAL EGG CARRIERS



These carriers assure safe delivery of eggs no matter how far they are sent. Being made entirely of metal, they are very durable and will last for years with a little care. Yet they are light and compact and cost very little more to send by mail than the other cases. They are far more economical in the long run than the other styles of cases.



These boxes are made of heavy cardboard and hold one dozen eggs. They are especially adapted to carrying eggs to customers. If you sell eggs to regular customers these boxes will prove very satisfactory.

	10	25	50	100	500	1000
3x4.....	\$0.15	\$0.35	\$0.60	\$1.00	\$4.75	\$9.00

Shipping weight, 12 lbs. per 100.

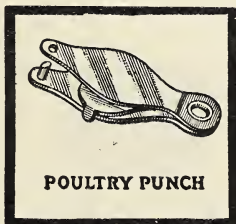
By mail, add postage.

By mail, add Postage.

Size	Each	Shipping Weight
2 doz. eggs.....	\$1.50	4 lbs.
3 doz. eggs.....	1.75	4 lbs.
4 doz. eggs.....	2.00	5 lbs.
6 doz. eggs.....	2.50	6 lbs.
9 doz. eggs.....	3.25	8 lbs.
12 doz. eggs.....	4.00	10 lbs.

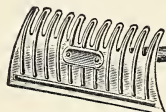
PETTEY'S PUNCH

With this small punch you can make a small hole through the web between the toes of the chicks. In this way you can distinguish the chicks. There are sixteen different markings that can be used. The Pettey's Punch will punch a clean hole without bruising the foot. Fits in the vest pocket. A practical and popular punch



Postpaid. Each\$0.25

HANDLED SCRAPER

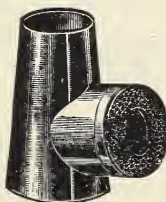


Made of hard, stiff sheet steel. Light in weight, yet strong and durable. The toothed or rake edge is excellent for cleaning sand or sifted ashes on drop boards. Length of blade, 9½ inches. Width, 4 inches. With 30-inch hardwood handle securely riveted to the blade. Shipping weight, 2 pounds.

No. 51. Handled Scraper. Each.....\$0.45

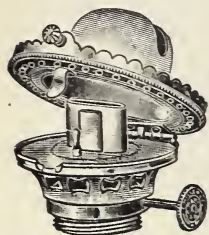
By mail, add Postage.

HANDY EGG TESTER



This Egg Tester is designed for use on ordinary hand lamp, and fits over any style of burner with a diameter approximately that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate interior of egg.

By Mail, add Postage for 2 lbs. Each.....\$0.25

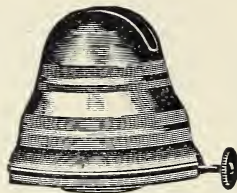
"SUN HINGED" LAMP BURNERS

Used extensively by Incubator and Brooder manufacturers. So designed that perfect combustion is insured. Easily cleaned and trimmed.

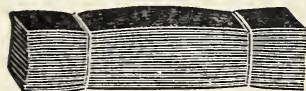
	Each
No. 1	\$0.35
No. 2 .....	.40
No. 3 .....	.60
No. 2. For No. 3 chimney	.50
No. 3. Double wick.....	.75

"ZENITH" LAMP BURNERS

A "No-Chimney" Burner for Incubators, Brooders, Fountain Heaters, etc. Perfect combustion without a chimney. When used with our lamp fount the No. 1 burner is suitable for a lamp box 7 inches high, and the No. 2 burner for a lamp box 9 inches high.



No. 1.....	\$0.50	No. 2.....	\$0.65
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MOE'S HIGH-GRADE FELT LAMP WICKS

A good wick is very important, especially when it is in continuous use as on a brooder or incubator lamp. Our wicks are special high grade red felt, and a big improvement over the old style loosely woven cotton wicks, which often get clogged in the burner shaft. No loose threads to burn uneven and smoke.

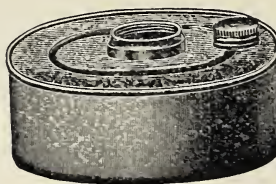
	Width	For Burner	Per Dozen
No. 208	5/8 in.	No. 1	\$0.25
No. 209	7/8 in.	No. 2	.45
No. 210	1 1/2 in.	No. 3	.55

ALUMINUM LEG BANDS

Made of sheet aluminum, with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Accurately made and quickly applied. Packed in paper cartons of 12, 25, 50 and 100 bands each. Numbered from one up.



12 bands	\$0.15	100 bands	\$0.75
25 bands .....	.25	500 bands	3.50
50 bands .....	.40	1000 bands	6.00

MOE'S LAMP BOWLS

Heavy galvanized iron bowls or founts for Incubators, Brooders and Fountain Heaters. Made in three sizes. The two larger ones are strongly braced and reinforced on the inside, making the top and bottom perfectly rigid. No give or spring

to the top which is a common fault with ordinary bowls.

No. 100. Lamp bowl. Diameter, 6 in. Height, 1 1/2 in. Has a side handle. Takes size 1 burner. This is the same bowl as used in our No 10 Fountain Heater. Shipping weight, 2 lbs. Each, \$0.50.

No. 101. Lamp bowl. Diameter, 6 3/4 in. Height, 2 1/4 in. Takes size 2 burner and size 2 chimney. Shipping weight, 2 lbs. Each, \$0.60.

No. 102. Lamp bowl. Diameter, 8 in. height, 2 3/4 in. Takes size 3 burner and size 3 chimney. Shipping weight, 2 lbs. Each, \$0.75.

METAL CHIMNEYS

For Incubators and Brooders. Made of galvanized sheet steel, with round mica window. The mica can be easily replaced if it should accidentally be broken. In three sizes.

No. 108. Metal Chimney. Height, 6 in. Fits size 1 burner. Each, \$0.20.

No. 103. Metal Chimney. Height, 6 in. Fits size 2 burner. Each, \$0.20.

No. 104. Metal Chimney. Height, 6 in. Fits size 3 burner. Each, \$0.20.

**SPIRAL LEG BANDS**

Mark your hens and pullets differently. Know what you are doing. Spiral bands are made of seasoned celluloid. Last a life-time. Slip on like a key-ring. Birds cannot lose them. Light as a feather. Will not fade. Colors: black, white, dark blue, pink, light blue, red, green, yellow, purple.

	12	25	50	100
No. 4. Baby chicks	\$0.10	\$0.20	\$0.35	\$0.60
No. 6. Pigeons .....	.10	.20	.40	.65
No. 9. Mediterranean .....	.15	.25	.40	.75
No. 11. American .....	.15	.25	.45	.85
No. 12. Asiatics .....	.20	.35	.65	1.20

"BANDETTES"

The latest spring clip pattern. Made entirely of celluloid. Bandettes are strongly made, the numbers are indestructible being impressed in bold type. They are bevel ended. Bandettes are easy to put on being applied like the Spiralet Bands. Bandettes come in the following colors: Red, blue, green, yellow and pink. Two sizes: Mediterranean (Leghorn) and American (Rocks). 25 for 60c; 50 for \$1.10; 100 for \$2.00; 500 for \$9.50.

The tested Incubator Thermometer is made in a triangular shape, as shown here, with heavy, black oxidized scale, so that same can be read easily, and lie on the eggs in proper angle. We cannot guarantee safe arrival of any thermometers. Sent at purchaser's risk.

No. 403 is a new pattern that can be used with perfect satisfaction in any make of incubator. It has a mercury-filled tube and is triple-tested for accuracy. We recommend this thermometer above all others for incubators.

This instrument is designed to meet the demand of the practical poultryman for a simple direct reading gauge which will enable him to keep the amount of moisture in his incubator as near as possible to desired point.

By noting the position of the mercury, column, the operator can tell at a glance whether to increase or decrease this amount.

Brooder Thermometer, 75c each, postpaid



Bacili-K
REG. U.S. PAT. OFF.
CONCENTRATED SODIUM HYPOCHLORITE

**Cheap to Use
Powerful**

B. K. in the drinking water will kill germs.

B. K. is a clean, colorless, non-poisonous germ killer. Used in dilution with water. Ten times as powerful a germ killer as undiluted carbolic acid.

B. K. is excellent for sterilizing brooders and incubators. Destroys all strong odors, as well as germs.

B. K. for roup and canker. **B. K.** is a powerful solvent of the matter in which germs of infection live. When used on the sores or tumors of Roup and Canker, **B. K.** dissolves and cleans out the pus and excretion, kills the germs causing the infection and promotes healing.

B. K. has been used with great success in the treatment of superficial mange. It is much cleaner than any of the tar preparations. **B. K.** should be in every kennel.

B. K. also is useful around the dairy barn, rabbit-hutches, and even around the home. **B. K.** destroys any odors with safety.

For washing dogs or poultry for show purposes, we suggest that you try **B. K.** in the bath water. You will be agreeably surprised with the wonderful results. Buy the larger packages and save money.

Prices

4 oz. carton	\$.35
10 oz. carton .....	.60
Quart carton	1.25
1 gal. jug	3.00
5 gal. jug	12.50

B. K. Cannot Be Mailed

NOPCO COD LIVER OIL

Hatch 8 eggs out of every 10 you set. Raise 9 out of every 10 you hatch. Cod Liver Oil will help you do it. Before you can raise a high percentage of chicks, you must first produce eggs of high quality, charged with life-giving vitamins. Increase your egg production during the dark winter months by supplying the "Sunshine" vitamin in cod liver oil. Avoid rickets and leg weakness by starting your chicks on Cod Liver Oil.

Nopco Cod Liver Oil is tested both for purity and vitamin potency. Tests are made on rats to prove the presence of vitamins A. and D. in satisfactory strengths. Every sample for tests is taken from bulk oil in 12,000 gallon tanks and is kept stirred to insure uniform quality. Prices have recently been reduced on Nopco Cod Liver Oil, making it cost very little more than inferior untested oils. Prices: Qt. 75c; 2 qts., \$1.50; gal., \$2.50; 5 gals., \$11.25. F. O. B. St. Louis, Mo.

WOLF'S POULTRY REMEDIES

All Prices Postpaid

Wolf's Egg Maker.....	\$0.25	\$0.50
Wolf's Sure Eggs.....		.50
Wolf's Germite, not mailable .....		.50
Wolf's Vermite .....	.25	.50
Wolf's Louse Killer .....		.25

MISCELLANEOUS PREPARATIONS

Water Glass. Recommended for use in preserving eggs. One pint will preserve 6 dozen eggs. Cannot be mailed. 1 Pt., 20c; Qt., 35c; 2 Qts., 65c; Gal., \$1.25.

"H. W." A liquid tonic and remedy for many diseases of poultry, such as roup, cholera, white diarrhea, etc. Postpaid. 50c and \$1.00.

Miller's Roup Remedy. An excellent remedy for roup that gets right to the seat of the trouble. Never fails. Postpaid, per bottle, 50c.

Pierce's Lady Hoover Poultry Powder. A laying tonic, moulting food and egg maker. Made by practical poultry people. By using Pierce's Poultry Tonic according to directions an increase in egg production is assured. Postpaid, ½-lb. pkgs., 65c; 1-lb. pkg., \$1.00.

Pierce's Lady Hoover Lice Powder. A lice powder of superior merit. This powder contains a good percentage of sodium fluoride. Pierce's Lice Powder has been used with great success by some of the largest poultry farms in the country. Postpaid, 50c.

Azoa. A rat poison of superior merit. Azoa creates a disease, amongst the rats, which is contagious, thereby cleaning them out in wholesale quantities. Postpaid, 50c.

Schilling's Ant and Roach Powder. A product of great merit in eliminating ants and roaches from the house. Postpaid, 25c; 50c; \$1.00.

Egg-O-Hatch. A preparation to be used on hatching eggs to reduce the strength of the shell rendering same weak, thereby permitting the chick to break same with greater facility. Postpaid, 50c.

Egg-O-Latum. A greasy preparation rubbed on the outside of an egg to preserve same. Egg-O-Latum will keep an egg for a year. One jar will preserve 50 dozen eggs. Postpaid, 50c.

DR. LeGEAR'S POULTRY REMEDIES

Prices include postage, except where noted.

Dr. LeGear's Worm Pills (50).....	\$0.50
Dr. LeGear's Worm Pills (120).....	1.00
Dr. LeGear's Chick Tablets.....	.50
Dr. LeGear's Headlice Remedy.....	.25
Dr. LeGear's Lice Powder.....	.25
Dr. LeGear's Fly and Insect Powder.....	.30
Dr. LeGear's Poultry Worm Powder (4 lbs.) (by mail, add postage).....	.50
Dr. LeGear's Poultry Prescription (by mail, add postage), 1½ lbs., 25c; 3¾ lbs., 50c; 8 lbs., \$1.00; 25 lbs., \$3.00.	
Dr. LeGear's Dip and Disinfectant, by express only. Quart, 65c; Gal., \$1.75.	

K. R. O.

KILLS RATS ONLY is a product that dog owners and poultry raisers are looking for. It is harmless to man, dogs, cats, poultry and other domestic animals. However, K. R. O. is deadly poison to rats and mice. K. R. O. is made of powdered squill which attracts rats and mice. They usually die in the open searching for water. Price, 75c, postpaid.

CARBOLA

Carbola is non-poisonous and non-caustic. It is applied with a brush or sprayer and dries pure white. Does not flake or peel off. Carbola kills both germs and vermin. Clean up your poultry house this fall and paint the walls, roosts and nest boxes with Carbola. One pound of Carbola makes 1 gallon disinfecting whitewash cover 200 square feet. By mail, add postage.

Trial Pkg., 25 oz.....	30c	10 lbs.....	\$1.25
		50 lbs.	\$5.00

STERILAC

A DISINFECTANT AND GERMICIDE

Sterilac is a thoroughly reliable disinfectant, deodorant and germicide, which destroys disease-producing germs and enables the poultry raiser to keep his flock in perfect physical condition.

It is in powder form, easy to handle, and does not lose its strength with age. It is easily dissolved in water, makes a powerful germ-killer, and when used according to directions is non-poisonous, safe, efficient and economical. One ounce will make 30 gallons of standard solution, and it is forty-five times stronger than carbolic acid and much safer.

Once a month during the entire year every building should be thoroughly sprayed with a solution consisting of one heaping teaspoonful of "Sterilac" to five gallons of water. This should be sprayed into every crack and crevice, over the dropping boards, on the roosts, inside and outside the nest, on the ceiling, walls and floor. Will prevent disease and infection.

	Price per Bottle
2 oz. Bottle	\$1.00
8 oz. Bottle	2.75
1 lb. Bottle	5.00



O. K. Poultry Litter is notably and consistently kept free from fibre, because fibre does not readily absorb, but has a tendency to become soggy and mat. Using O. K. Poultry Litter you need change but twice a year, spring and fall. Valuable as a fertilizer. Price per bale, about 190 lbs., \$4.00.

SPRATT'S FOODS FOR DOGS

"THE BACKBONE OF THE CANINE RACE"

The dog constitution needs a dog diet. Table scraps—toothsome and tasty though they may be—are not only totally unsuitable for the physical requirements of the dog, but are more often than not a direct cause of unfitness. The conditions under which dogs are at present bred and reared make necessary a diet which will provide all the food elements contributing to the formation of bone and muscle, the building and storing up of energy, stamina and vitality, and which will assist to maintain the highly organized canine brain. For sixty years Spratt's have made dogs and their requirements the subject of continued observation and research, and today for every dog, old or young, healthy or sick, there is a Spratt's Food guaranteed to suit exactly his requirements. Throughout the world Spratt's Foods are today the diet of millions of the fittest dogs—the diet directly responsible for their alertness, cleanliness, health and good spirits.



Spratt's Fibo. A unique food containing a larger percentage of Spratt's world famous Meat-Fibrine. It is very appetizing and highly recommended for shy or dainty feeders. Can be given either dry or soaked. **Cartons, 40c; bags, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$3.55; 50 lbs., \$6.85; 100 lbs., \$13.50.** By mail, add postage.

Spratt's Meat Fibrine Puppy Biscuits. A complete and perfect food for puppies from weaning time onward, and for small breeds as the regular food instead of Spratt's larger Dog Cakes. **Cartons, 40c and 75c; bags, 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.20; 50 lbs., \$6.20; 100 lbs., \$12.25.** If wanted by mail, add postage.

Spratt's Plain Puppy Meal. The Standard Weaning Food. This meal should be used before, during and after the weaning period to insure large, vigorous and healthy puppies. Also an invaluable food for dogs of any age out of condition. **Cartons, 40c; 5 lbs., 70c; bags, 10 lbs., \$1.35; 25 lbs., \$3.05; 50 lbs., \$5.95; 100 lbs., \$11.75.** If wanted by mail, add postage.

Spratt's Rodnim. The twice-a-week change from hard biscuit. Rodnim can be given dry, soaked in water, broth or gravy, or mixed with boiled chopped green vegetables. A fine food for old dogs whose teeth are out of condition. **Bags, 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.45; 50 lbs., \$6.55; 100 lbs., \$12.90.** By mail, add postage.

Spratt's Ovals (The Pocket Dog Biscuit). A small Meat-Fibrine Dog biscuit, suitable as a staple diet for small dogs and toys, and to be carried on a ramble with the dog. **Cartons, 40c; bags, 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.20; 50 lbs., \$6.20; 100 lbs., \$12.25.** By mail, add postage.

Spratt's Meat Fibrine Dog Cakes. For 60 years the standard dog food, used by the leading breeders and fed at the principal dog shows throughout the world. The best results are obtained by giving the biscuit dry, not soaked, thereby compelling the dog to gnaw the food and thus producing a copious flow of saliva which materially aids digestion. **Cartons, 35c and 75c; bags, 5 lbs., 70c; 10 lbs., \$1.35; 25 lbs., \$3.05; 50 lbs., \$5.95; 100 lbs., \$11.75.** If wanted by mail, add postage.

Write for Spratt's free book on "The Care and Feeding of Dogs."

VITAMONT

THE RED-MEAT CANNED DOG FOOD

A perfectly balanced, uniform, highly nutritive food that will keep your dog in best of health.

Vitamont is compounded after a scientific formula, inspected and passed by the U. S. Department of Agriculture, prepared under sanitary conditions and packed in sealed cans.

Vitamont is a combination of horse meat and cereals. Dogs take to it readily and never tire of it.

Vitamont is made from the flesh of healthy young range horses, no worn out truck horses being used. Vitamont is made in Butte, Montana; the range horses are easily secured, being so close to the plant.

If you have tried any other canned meat food and was not satisfied, we urge you to try Vitamont, as it is the best complete canned meat food for dogs. Vitamont can be used as a complete food, or for variety, you can make a soup with water, and pour it over Spratt's Kibbled Biscuits.

Prices: 1 lb. can, 15c; 7 cans, \$1.00; 48 cans (case), \$6.50; by mail, add postage.

CANNED MEAT FOODS FOR DOGS

Ken-L-Ration. Can be used as a complete food or you can make a soup and pour it over Spratt's Kibbled Biscuits. Ken-L-Ration is rich in meats, cereal, ground bone and cod-liver oil. An appetizing food that will keep your dog in perfect condition. Price: 1 lb. can 15c; 7 cans \$1.00; 48 cans (case) \$6.50; 7 lb. can 85c; 6 cans (case) \$5.00.

By mail, add postage.

Hemo-Ration. A blood making food, especially recommended for breeding animals of both sexes. For Anemic or convalescent animals it is invaluable. Hemo-Ration carries a large percentage of cod-liver oil and is rich in organic iron and Calcium Phosphate. Can be used as a complete food or with Spratt's Kibbled Biscuits. Price: 1 lb. can 15c; 7 cans \$1.00; 48 cans (case) \$6.50; 7-lb. can 85c; 6 cans (case) \$5.00. By mail, add postage.

DOG MEDICINES

Write for Spratt's Book on Feeding

Price Includes Postage, Except Where Noted

Spratt's Cooling and Alterative Tablets.....	\$0.60
Spratt's Anti-Rickets Tablets.....	.60
Spratt's Aperient Biscuits.....	.60
Spratt's Anti-Asthmatic Tablets.....	.60
Spratt's Anti-Vomit Tablets.....	.60
Spratt's Bone Builder.....	.75
Spratt's Canine Elixir.....	1.00
Spratt's Consumption Capsules.....	.60
Spratt's Chorea Tablets.....	.60
Spratt's Chronic Skin Disease Tablets.....	.60
Spratt's Cough Tablets.....	.60
Spratt's Constipation Tablets.....	.60
Spratt's Digestive Tablets.....	.60
Spratt's Diarrhoea Tablets.....	.60
Spratt's Fevertone Tablets.....	1.00
Spratt's Ear Canker Ointment.....	.75
Spratt's Eye Lotion Tablets.....	.60
Spratt's Eczema and Sarcoptic Mange Medicine.....	.60
Spratt's Hair Stimulant and Restorer.....	.60
Spratt's Kidney Tablets.....	.60
Spratt's Worm Capsules, Kennel size.....	5.00
Spratt's Worm Capsules for Puppies, Kennel size.....	5.00

These packages contain 15 times the quantity packed in a 60c package.

TETRACHLORETHYLENE

For Hook and Round Worms.

We can supply this safe, effective anthelmintic in the following sizes:

SIZE A—0.2 cc (3 minims)	
Puppy and Toy Dog Size	
25 capsules.....	\$0.50
60 capsules.....	1.00
200 capsules.....	2.50
SIZE B—1 cc (16 minims)	
Large Puppies and Dogs	
16 capsules.....	\$0.50
40 capsules.....	1.00
260 capsules.....	5.00
SIZE C—2 cc (32 minims)	
Large Dogs	
12 capsules.....	\$0.50
30 capsules.....	1.00
200 capsules.....	5.00
SIZE B & C (Assorted)	
B—1 cc (16 minims)	
C—2 cc (32 minims)	
8 B capsules.....	} 5.00
6 C capsules.....	
20 B capsules.....	
15 C capsules.....	} 1.00
125 B capsules.....	
100 C capsules.....	5.00

Write for free booklet on the "Treatment of the Hookworm disease in Dogs."

Pup-E-Ration. Contains red meat, organic iron calcium phosphate, Norwegian Cod-Liver Oil and marrow fat—the elements necessary for growth of body and coat. A perfect food for puppies. Also excellent for pregnant bitches. Price: 1 lb. can 20c; 6 cans \$1.00; 48 lbs. (case) \$7.20; 2½ lb. can 40c; 6 cans \$2.25; 18 cans (case) \$6.50. By mail, add postage.

Maro-Meat. A clear, lean meat and marrow product designed to meet the requirements of large kennels for a concentrated basic meat food that is of the best possible quality and low in price. Maro-Meat is highly concentrated and must be fed with other material. For this purpose we recommend Spratt's Kibbled Biscuits. A 2½ lb. can of Maro-Meat supplemented with water and Kibbled Biscuits will make 8 to 12 lbs., of appetizing nourishing food for kennel use. Price: 2½ lb. 45c; 18 cans (case) \$7.25; By mail, add postage.

Spratt's Mange Medicine.....	\$0.75
Spratt's Mouth and Throat Wash.....	.75
Spratt's Pneumonia Tablets.....	.60
Spratt's Purgative Tablets.....	.60
Spratt's Rheumatism Tablets.....	.60
Spratt's Tonic and Condition Tablets.....	.60
Spratt's Worm Capsules.....	.60
Spratt's Worm Capsules for Puppies.....	.60
Spratt's Tonic and Condition Tablets for Toy Dogs and Puppies.....	.60
Spratt's Tonic and Condition Tablets for Cats.....	.60
Spratt's Vermifuge Capsules for Toy Dogs and Puppies.....	.60
Spratt's Vermine Capsules for Cats.....	.60
Large Packages by Express Only—	
Spratt's Dip, 1-pt. cans.....	.60
Spratt's Dip, 1-gal. cans.....	4.00
Spratt's Mange Medicine, ½-gal. cans.....	2.00
Spratt's Mange Medicine, 1-gal. cans.....	4.00
Spratt's Eczema and Sarcoptic Mange Medicine—(Ointment)—	
1 lb.	2.00
2 lbs.	4.00

MAGNESIUM SULPHATE CAPSULES

Inasmuch as it is often difficult to secure the proper purgative for your dog after giving the tetrachlorethylene capsules, we have put up these magnesium sulphate capsules.

Small package (12 capsules).....	\$0.50
Medium package (30 capsules).....	1.00
Large package (200 capsules).....	5.00

TAPEWORM TABLETS

These tablets are the active part of the vermifuge in areca nut. They are small and easy to give. It is a good idea to give these about an hour before tetrachlorethylene is given as they have cathartic effect and will not only clear the intestines of tapeworm but also carry out any phlegm or mucus that may be present, thereby exposing the hook and round worms to the action of the tetrachlorethylene. These tablets act in from 30 minutes to one hour and remove the entire tapeworm, head and all.

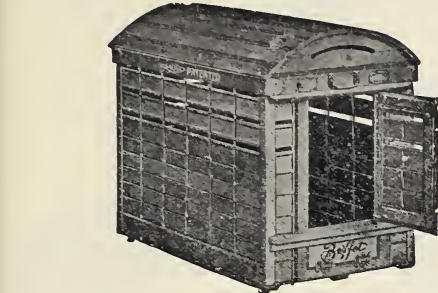
Dosage

Small dogs (10 to 20 lbs.) 1 tablet on empty stomach; larger dogs, 1 tablet additional for each 20 lbs. body weight to be given on empty stomach.

Tapeworm Tablet Prices:

Small pkg. 10 tablets.....	\$0.75 postpaid
Medium pkg. 50 tablets.....	3.00 postpaid
Large pkg., 100 tablets.....	5.00 postpaid

BACKUS PULLMAN CRATE BACKUS “HUNTER STYLE”



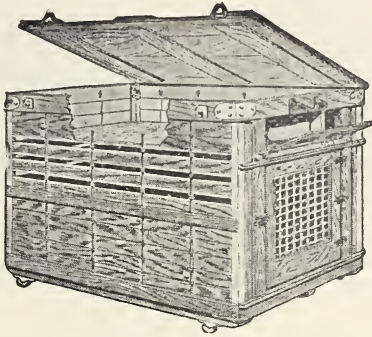
For Shipping Dogs with Greatest Possible Convenience, Comfort and Luxury—Handsomest Dog Crate Made.

All the fittings and hardware used are solid brass, also brass door knobs with padlock. Has buffet for feeding and galvanized iron water cup fillable from outside of crate. Removable false bottom for cleaning, perfectly ventilated, substantially made, very light and extra handsome in appearance.

Inside Measurements		Weight	
Long	Wide-high		
No. 1—24	x 16 x 18	30 lbs.	\$27.50
No. 2—30	x 19 x 22	37 lbs.	28.50
No. 3—36	x 22 x 26	56 lbs.	29.50
No. 4—42	x 24 x 32	73 lbs.	36.50
No. 6—33	x 26 x 28	62 lbs.	34.50

Size Shipping Crates to Order.

- No. 1 Pullman or No. 91 Utility—For Fox, Boston, Scotch and Sky Terriers, Cocker Spaniels, Bull Dogs, Beagles and the like.
- No. 2 Pullman or No. 92 Utility—For Bull, Irish and Airedale Terriers, and small size Pointers, Setters and Collies.
- No. 3 Pullman or No. 93 Utility—For Setters, Pointers and Collies.
- No. 6—Pullman—For two Pointers, two Setters, or two Collies.
- No. 4 Pullman or No. 94 Utility—For Greyhounds, Wolfhounds, Police Dogs and small size Great Danes.



This crate is made especially for Hunters and also for Show men who prefer a crate in which they can ship their dog and also paraphernalia that might be required on a trip; the Hunter, his gun and ammunition—the Showman, his brushes, combs, chains, blankets, etc., for keeping his dog in condition at the show.

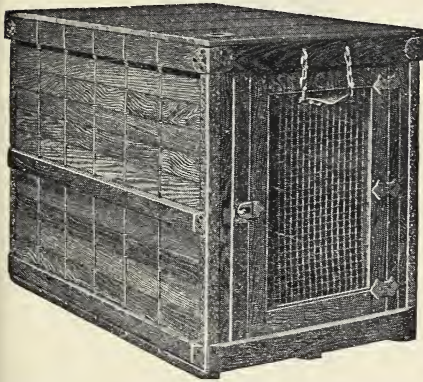
Perfectly Ventilated.

As illustrated, this crate, besides having the regular place for the dog, also has a compartment in which many things can be carried. This compartment has a hinged cover on the top and two hasps for fastening cover. Perfect ventilation for the dog, general construction of crate similar to our celebrated style.

Made only in one size for Setter or Pointer dog. Place for dog measures inside, 36 in. long, 21 in. wide, 26 in. high. Compartment on top measures inside, 33 in. long, 21 in. wide, 6 in. high.

Each\$30.00

Crate is equipped as follows: Has drinking cup which can be filled from outside of crate. Receptacle for food with spring door. False bottom which can be removed for cleaning. Rollers on bottom. One padlock for door.



BACKUS UTILITY DOG SHIPPING CRATE

Corners are ironed and riveted and will not pull apart. Heavy iron mesh in door and opening in back for ventilation. Light in weight and stands roughest usage.

Inside Measurements		Weight	
Long	Wide-high		
No. 91—24	x 16 x 18	24 lbs.	\$10.00
No. 92—30	x 18 x 22	37 lbs.	11.50
No. 93—36	x 22 x 26	47 lbs.	12.50
No. 94—42	x 24 x 32	60 lbs.	17.50

DOG CARRYING BASKET

Made of French imported willow ware. Light in weight. These baskets have a door in the side and are ideal for carrying a dog. Made in 3 sizes.

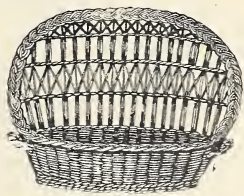
	Long	Wide	High	Price
No. 1.....	17 in.....	10½ in.....	10 in.....	\$3.50
No. 2.....	19 in.....	13 in.....	11 in.....	4.75
No. 3.....	22½ in.....	15 in.....	14 in.....	6.00

WILLOW SLEEPING BASKET

For Dogs and Cats. Keeps Them from Sleeping on Beds, Chairs, Etc.

Animals prefer their own beds same as humans. Better for them and you. No hairs on furniture, no mud prints. Made from finest imported French swamp grown willow. Can be lined to keep off drafts and little night drop curtains can be hung from top edge. Light, strong, durable.

	High	Long	Wide	
No. 1—Tiny	17 in.	16 in.	11 in.	\$3.00
No. 2—Small	18 in.	17 in.	12 in.	3.50
No. 3—Medium	20 in.	19 in.	13 in.	4.00
No. 4—Large	22 in.	22 in.	14 in.	4.50
No. 5—Extra large	24 in.	24 in.	16 in.	5.00



DOG FURNISHINGS

ROUND COLLAR



No. 1480. Length 15, 17, 19 in., $\frac{5}{8}$ in. wide.....\$1.40

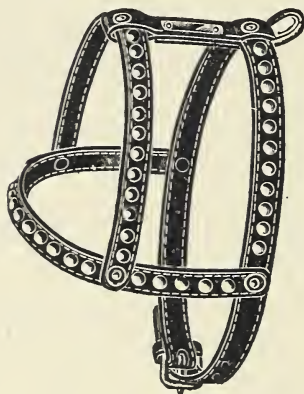
No. 1481. Length 17, 19, 21 in., 1 in. wide..... 1.50

ROUND CHOKE COLLARS

No. 1485. Length 22, 24, 26 in., 1 in. wide.....\$2.50

HARNESS

Brass Trimming, Black or Russet



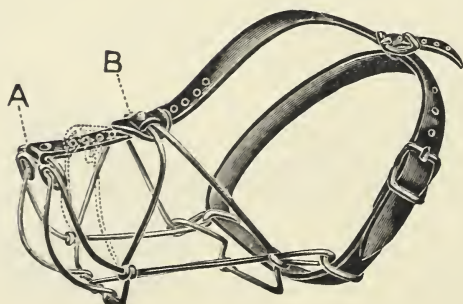
No. 2165. Length 17, 19, 21 in., $\frac{3}{8}$ in. wide.....\$1.85

No. 2166. Length 17, 19, 21 in., $\frac{1}{2}$ in. wide..... 2.20

No. 2167. Length 20, 22, 24 in., $\frac{5}{8}$ in. wide..... 2.50

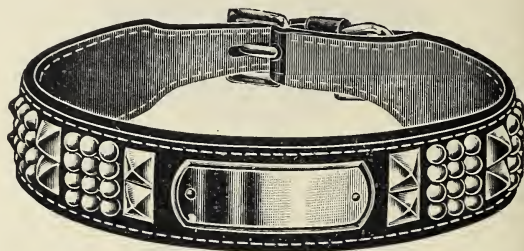
No. 2168. Length 24, 26, 28 in., $\frac{3}{4}$ in. wide..... 2.90

No. 2169. Length 28, 30, 32 in., 1 in. wide..... 3.75



FANCY DOUBLE LEATHER COLLAR

Brass Trimmings, Lock Tongue Buckle Black or Russet



No. 1275. Length 12, 14, 16 in., $\frac{3}{8}$ in. wide.....\$1.35

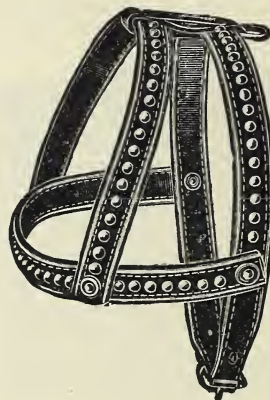
No. 1276. Length 12, 14, 16 in., $\frac{1}{2}$ in. wide..... 1.60

No. 1277. Length 14, 16, 18 in., 1 in. wide..... 2.00

No. 1278. Length 16, 18, 20 in., $1\frac{1}{4}$ in. wide..... 2.35

HARNESS

Patent Leather. Suitable for all Breeds, Combination black, red and green Lock Tongue Buckle. A Beautiful Harness.



No. 2185. Length 18, 20, 22 in., $\frac{1}{2}$ in. wide.....\$3.50

No. 2186. Length 20, 22, 24 in., $\frac{3}{8}$ in. wide..... 4.00

No. 2187. Length 24, 26, 28 in., $\frac{3}{4}$ in. wide..... 4.50

No. 2188. Length 28, 30, 32 in., 1 in. wide..... 5.00

ADJUSTABLE WIRE MUZZLE

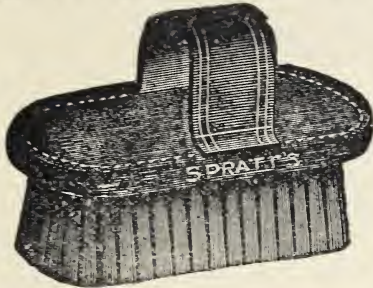
No. 1. For smallest dogs—Poms, Pekes, etc.....\$0.40

No. 2. For medium dogs—Fox Terriers, Scotties, etc.50

No. 3. For large dogs—Airdales, Collies, etc.60

No. 4. For largest dogs—Mastiffs, Danes, etc.... .70

SPRATT'S WIRE DOG BRUSHES



- All wire, 3¼ inches by 6 inches.....\$1.25
Wire and fiber, 3¼ inches by 6 inches..... 1.25
No. 28. Wire and hair, 2½ inches by 5¼ in..... 1.50

PENETRATING BRUSH FOR DOGS
(Domestic)

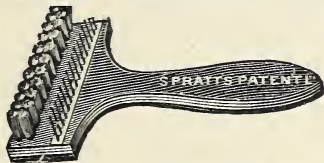
- Woodback, small, 3x6\$1.50
Leather, small size, 3x6..... 1.50
Made from best quality gray Russian Akatka
bristles.
The best all-round brush ever offered to the public.

DOG COMB OR RAKE



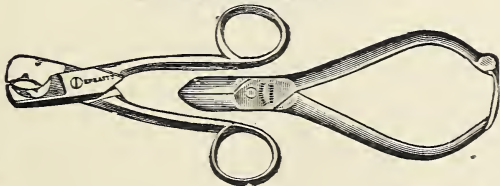
- Single or double rows of teeth. Especially suited
for French Poodles and rough-coated dogs.
EachSingle \$1.00 Double \$1.25

COMBINATION DOG BRUSH AND COMB



- Most suitable for rough-coated dogs, horses'
manes, etc. Invaluable to the kennel and stable.
Each\$1.50

NICKEL-PLATED NAIL NIPPERS
(As illustrated)

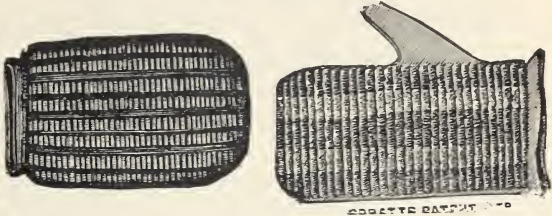


- No. 665. Domestic\$1.25
Spratt's nail nippers..... 3.00

FRENCH PATENT SNAPS

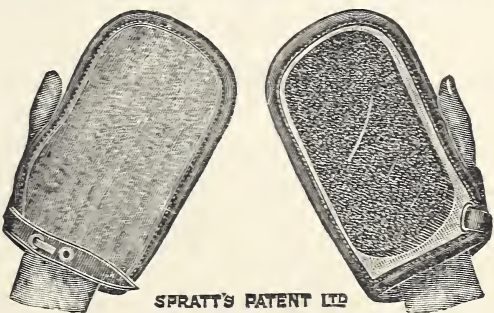
- No. 0. (Tiny.) Each.....\$0.40
No. 1. (Small.) Each..... .45
No. 2. (Medium.) Each..... .50
No. 3. (Large.) Each..... .55

DOG GLOVES



Unrivalled for producing a healthy, sleek, and
glossy surface, on the coats of Greyhounds, Fox-
hounds, Bulldogs, and other smooth coated dogs.
When ordering single gloves specify whether right
or left-handed glove is desired.
Hair on two sides.....\$2.50
Hair on one side only 1.25
Washing gloves40

SPRATT'S WIRE FIBRE DOG GLOVES



The advantages claimed by this glove are efficiency,
cleanliness and durability. Especially suitable for
Greyhounds. Cocker Spaniels, Bulldogs, Great
Danes, Shepherds and Wire-haired Dogs.
Each\$3.00

PATENT FLEXIBLE DOG BRUSH

Especially suitable for Greyhounds, Danes and
close-coated dogs. This brush, which is made from
flexible wire, with a rubber back, commends itself
to all Exhibitors of Show Dogs, and others.
Each\$1.75

WALLEY'S DRY CLEAN PATENT DOG
BRUSH

Walley's brush and metal holder, complete.....\$1.50
Antiseptic dry clean powder, per tin..... .30

SPRATT'S DOG COUPLES (Imported)
Order by Number



- | | | | |
|---------------------|----------|----------|--------|
| Suitable for | No. 00 | No. 1 | No. 3 |
| Nicked-plated | Toy | Large | Bull |
| | Dogs | Terriers | Dogs |
| | \$1.00 | \$1.00 | \$1.25 |
| | No. 0 | No. 2 | No. 4 |
| | Small | Collies | Great |
| Suitable for | Terriers | Setters | Danes |
| Nickel-plated | \$1.00 | \$1.00 | \$1.75 |

COMBS

Best Nickel-Plated Steel Combs (Imported)



7 inches long

No. 1. Coarse teeth	\$1.75
No. 2. Medium teeth	1.75
No. 3. Coarse and fine teeth.....	1.75
No. X. Very Coarse.....	1.75

These are suitable for Collies, Setters, etc.



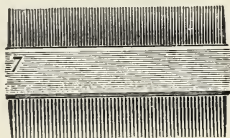
4 inches long

No. 4. Coarse	\$1.25
No. 5. Medium	1.25
No. 6. Fine	1.50
No. 0. Flea comb	1.50

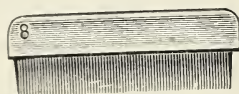
These are suitable for Terriers, Spaniels, etc.

No. 6 is the celebrated flea comb, used on cats and dogs, recommended by leading breeders.

No. 7. Nit comb; double row teeth, one side fine teeth, other side very fine



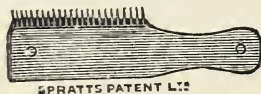
\$1.75



No. 8. Tiny comb. Very fine teeth.....	\$1.00
No. S. Flea comb. Long teeth.....	1.50

Note—We can recommend Nos. 7, 00 and 8 as being most effective for ridding short-haired cats and dogs of fleas.

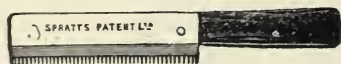
Solid Steel Stripping Comb No. 9



No. 9. Solid steel stripping comb for Terriers, etc., each

No. 14. Stripping comb, same as No. 9, but has teeth on two sides, with leather case..... 1.50

Solid Steel Stripping Comb with Horn Handle No. 10



Very fine short teeth, most suitable for combing Fox and Irish Terriers, each.....\$1.50

Combination Pocket Terrier Stripping Comb and Knife

This combination stripping comb surpasses anything introduced for kennel convenience where rough or wire haired dogs are cared for. As illustrated, each



\$2.00

Stripping Combs

Taylor Adjustable, Single.....	\$1.75
Taylor Adjustable, Double.....	2.00
No. 11. Folding.....	1.75

Nickel-Plated Steel Flea Comb with Wood Handle



No. 6A. Each

\$1.75

Imported Steel Combs No. 9

(Nickel-plated), with handle, for rough-coated dogs

\$1.50

BRUSHES

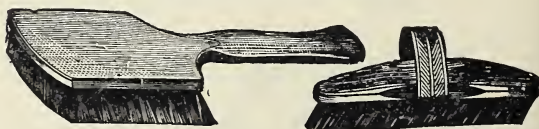
Special Brush for Toy Dogs and Cats



An imported brush for Yorkshire Terriers and silky-coated toy Dogs and Cats. Made from the best Russian bristles. Will last for years.

No. 58A. White Bristle, as illustrated.....	\$3.25
No. 59B. Black Bristle, as illustrated.....	2.50
No. 60. Gray Bristle, as illustrated.....	2.00
No. 59A. White Bristle, large.....	3.50

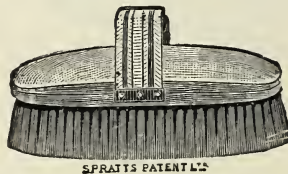
Slanting Bristle Brushes



These brushes are invaluable for Bulldogs, Terriers and other smooth-coated dogs.

No. 1-25. Slanting Bristle brush, with handle (as illustrated)	\$1.75
No. 22. Slanting Bristle brush, small (as illustrated)	1.75

Whalebone Brushes



SPRATTS PATENT L.D.

Suitable for Collies, St. Bernards, Setters, and other rough coated dogs.

No. 38X. (As illustrated).....	\$2.25
No. 9. (With handle).....	1.75
No. 42.	1.50
No. 40. (With handle).....	1.50
No. 50. (Small for Terrier).....	.85

The "Pneumatic" Toy Dog Brush No. F-131



With handle. Stiff bristles, in rubber. As illustrated. Each

\$3.25

All Prices Subject to Change Without Notice

EXTRA QUALITY LEATHER LEADS

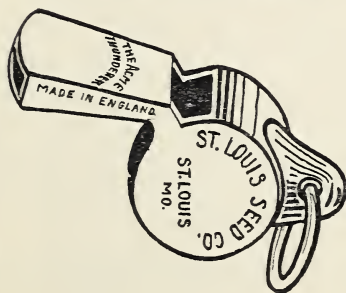
RUSSET
HAND STITCHED—IMPORTED FRENCH SNAP



Made of Best Bridle Leather

	Flat	Round		Flat	Round
No. 2215— $\frac{1}{4}$ -inch	\$1.00	\$1.75	No. 2215— $\frac{1}{2}$ -inch	\$1.25	\$2.50
No. 2215— $\frac{3}{8}$ -inch	1.15	2.00	No. 2216— $\frac{5}{8}$ -inch	1.40	3.00
			Flat	Round	
No. 2216— $\frac{3}{4}$ -inch			\$1.55	\$3.25	

"ACME THUNDERER" WHISTLE



We believe that the "Acme Thunderer" is the best whistle made. It is very loud and is easy to blow. The "Acme Thunderer" can be heard at a great distance. Most professional field trial handlers use "Acme Thunderer." If you have a wide-going dog

hunter that gets lost, this is the best whistle to use. Owing to the fact that we import these whistles in large quantities, we can sell them at a reasonable price.

Small whistle... Postpaid	\$0.60
Medium whistle. Postpaid .....	.75
Large whistle. Postpaid .....	.85
De Luxe whistle. Postpaid	1.00
Acmeoid (Bakelite) Postpaid .....	.50

DOG MATS

Every dog should be provided with a comfortable and sanitary bed. The health and well-being of your dog, however, is not all. It is important that you and others in the home should be protected against unsanitary conditions. In construction, shape and materials, this Dog Mat provides the maximum of comfort and cleanliness. Oval in shape and built of a special patented material, with soft, brushy surface. Light brown center with dark brown border, bound with braid. Very attractive, durable and light. Has a concave top surface with sloping raised and cushioned edge. This serves as a head and neck rest, enabling the dog to sleep and relax as nature intended, and also protecting him from drafty floors.

Small Size. For dogs the size of the average Boston Terrier	\$5.00
Medium Size. For dogs the size of the average Airdale	7.00
Large Size. For dogs the size of the average Shepherd.	9.00
Deodorizer (Liquid treatment), 16-oz. can.....	1.00
Can be sent by express only.	

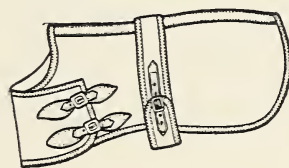
HORN WHISTLE



These whistles are made of buffalo horn and serve very well for hunting dogs that do not go wide. They are not as loud as the "Acme Thunderer" but many sportsmen like them because there is no danger of their freezing to one's lips in cold weather.

Buffalo horn whistle. Postpaid.....\$0.75
Dog Head horn whistle. Postpaid .75

BLANKETS



Extra Quality

10-in	\$2.00	16-in	\$3.00
12-in	2.25	18-in	3.50
14-in	2.50	20-in	4.00

PLAYTHINGS FOR YOUR DOG

Spratt's Sorbo Ball. A rubber ball of exceptional toughness. Excellent for retrieving as its spongy center will not hurt the dog's teeth. Price, 40c, postpaid.

Rubber Bone. An exact imitation of a bone, made of rubber. Excellent for teething pups or for retrieving. Price, 25c, postpaid.

Sani-Bone. A real smooth bone, boiled in salts and oil to give it additional toughness. Appreciated by all dogs. Price, 75c, postpaid.

Large Catnips. Shaped like a cat-head. Made of tough rubber. Has whistle inside. A most interesting plaything. Price, \$1.00, postpaid.

Small Catnips. Price, 50c, postpaid.

DOG SPECIALTIES

PULVEX is a remarkable dusting powder which thoroughly cleanses dogs and cats of fleas, ticks, mites and lice. One application of Pulvex is enough because it actually kills, not merely stuns, the insects. Pulvex is odorless and non-poisonous. Pulvex retains its killing power for about 10 days, preventing reinfestation. Buy the larger packages and save money.

Postpaid Price, 2 oz. pkg., 50c; 12 oz. pkg., \$1.25; 5 lb. pkg., \$6.00; 15 lb. pkg., \$15.00.



KUR-MANGE is internationally famous as a dependable cure for many forms of Mange. Kur-Mange is odorless and non-poisonous. Despite its great effectiveness, it is entirely harmless to the dog. Kur-Mange contains no grease, oil, sulphides or other objectionable ingredients that will rub off on furniture and clothing. The mangy animal need no longer be an outcast during treatment. In addition, Kur-Mange is highly effective in curing many superficial skin diseases such as eczema and ringworm.

Postpaid Prices, 3 oz. pkg., 75c; 6 oz. pkg., \$1.00; 5 lbs., \$9.50.



SOPEX is the favorite shampoo of the dog. SopeX not only cleans the dog but also destroys fleas or lice that may be on the dog. SopeX imparts a glossy sheen to the coat and does not dry or tighten the skin.

Postpaid Prices, 4 oz. pkg., 75c; 1½ lb. pkg., \$3.00; 10 lbs. \$7.85.

PINE OIL DISINFECTANT

An excellent disinfectant and deodorant having the pleasant fragrance of pine needles and more desirable than strong smelling coal tars and creosote for household and kennel use. Diluted with water and used for killing germs, destroying bad odors, cleaning pens, kennels and houses. Also valuable for disinfecting wounds and cuts.

Price, 8 oz., 50c; 1 qt., \$1.00; 1 gal., \$2.75; 5 gals., \$12.50. Sent by express only.

SERGEANT'S DOG MEDICINES

Sergeant's Special Medicine. For treating fever in pups and dogs. \$1.20.

Sergeant's Mange Medicine. For treating skin diseases. 65c.

Sergeant's Condition Pills. A tonic and alterative for pups and dogs. 60c.

Sergeant's Sure Shot Capsules. For roundworms, pinworms and hookworms in older pups of any breed; also for larger and older dogs. 60c.

Sergeant's Puppy Capsules. For young pups and toy breeds for round and hookworms. 60c.

Sergeant's Sure Shot Liquid. For pups and older dogs. For owners who prefer a liquid vermifuge for roundworms. 60c.

Sergeant's Tapeworm Medicine. For tapeworm in pups and dogs. 60c.

Sergeant's Compound Arsenic and Iron Pills. A blood purifier. For treating blood and skin diseases. 60c.

Sergeant's Canker Wash. For treating internal and external Ear Canker. 60c.

Sergeant's Mouth Wash. For treating Sore Mouth and Black Tongue. 60c.

Sergeant's Compound Pepsin Tablets. For treating Indigestion, Vomiting and Colic in pups and dogs. Splendid for pups at weaning time. 60c.

Sergeant's Intestinal Astringent. For treating Diarrhoea and Dysentery in pups and dogs. 60c.

Sergeant's Expectoant Medicine. For Coughs and Colds in pups and dogs. 60c.

Sergeant's Diuretic Pills. An aid in treating Rheumatism and Lumbago in pups and dogs; stimulates urinary action. 60c.

Sergeant's Liniment. A splendid liniment for lameness, sore muscles and swollen limbs in pups and dogs. 60c.

Sergeant's Eye Wash. For treating eye troubles in pups and dogs. 60c.

Sergeant's Laxative Capsules. For treating Constipation in pups and dogs. 60c.

Sergeant's Nerve Sedative Medicine. For Running-Barking Fits. \$2.00.

Sergeant's Carbolic Tar Soap. A splendid all-purpose soap. 25c.

Sergeant's Skip-Flea Soap. A wonderful bath soap for pups and dogs. Will kill fleas and lice. A pure high-grade soap that soothes the skin and leaves coat soft and fluffy. 25c.

Sergeant's Skip-Flea Powder. For fleas and lice on dogs and cats. Will not nauseate and is not injurious. 25c.

Sergeant's Disinfectant. An antiseptic and insecticide, cleaner and deodorant. Aids in preventing disease. Of great value for use in cases of Distemper, Mange, Black Tongue and other contagious diseases; will rid the kennel's sleeping quarters and premises of fleas and lice. Will kill fleas and lice on dogs and other animals, and is excellent as a kennel dip. 4-oz. bottles, 25c; 12-oz. bottles, 50c; 1 quart, 75c; 1 gallon, \$2.00.

ALKI-LAC BONE BUILDER

MAKES PUPPIES GROW STRONG AND HEALTHY

A mineral compound fed to the matron before and after whelping supplying the essential element in milk which nature requires for the health of the mother and the rapid, vigorous growth of her offspring.

Alki-lac takes the place of green-bone food and prevents acid milk and rickets or softening of the bones.

Alki-lac is not a complete food in itself, but a small amount being used in conjunction with the regular food. 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.75. By mail, add postage.

All prices subject to change without notice.

ST. ANDREASBERG CANARY BIRD SPECIALTIES

THE PERFECT
COMPLETE
FOOD
FOR
CANARIES



CONTAINS
CANARY, RAPE,
MILLET, LETTUCE,
MAW AND
THISTLE SEEDS

ST. ANDREASBERG MIXED BIRD SEED

No matter how good your bird may be when you get him, he can be ruined in a comparatively short time if you feed him on inferior bird seed.

Our 25 years' experience in handling and selling birds have taught us the value of good seed. While we always purchase re-cleaned seeds, we are not satisfied, but clean them again to make doubly sure that not a particle of dust will get in the canary's throat.

St. Andreasberg Bird Seed has been on the market for seventeen years. The only change made in this mixture has been the addition of thistle seed. It was only after lengthy experiments that we arrived at the proper amount of this to use.

Up to last year St. Andreasberg Bird Seed was obtainable only from us, but so many of our out-of-town customers asked us to sell some of this famous seed to their local dealers that we finally acceded to their demands. Now you will be able to get this seed from almost any up-to-date druggist or dealer in bird supplies. Insist on the yellow box. There is no substitute.

There is no hemp in St. Andreasberg Bird Seed because it is fattening and will ruin your bird. If your bird was flying around in the open all of the time and could work this poison out of his system, hemp would be all right, but to a confined bird hemp is bad because it heats his blood and undermines his entire constitution. Price per lb., 25c; 30c postpaid.

ST. ANDREASBERG BIRD JOY

A paste made up of many different seeds, pine tar, fruits, eggs and honey.

The formula for this preparation is a family secret of a family of bird raisers in the Hartz Mountain Canary District. Its almost miraculous effect on the canary amazed us and we hurriedly secured the American rights for the manufacture and sale of this wonderful product.

In our 25 years of handling and selling birds we often dreamed of such a wonderful preparation, but never thought that it was possible. We have tried almost every known preparation on the market; some were fairly good, some indifferent and some absolutely harmful. But when we tried St. Andreasberg Bird Joy we knew that we had found what we had sought for so long.

As a tonic, as a stimulant, as a treat, as a medicine, we have never seen the equal of St. Andreasberg Bird Joy.

Use St. Andreasberg Bird Joy in connection with St. Andreasberg Bird Cordial during the moult and your little pet will often pass through this critical stage without loss of song.

In order to get the finished Bird Joy it is necessary to get seeds and spices from many parts of the world. The Bird Joy today is the same product that the famous German breeders have been using for years. Our only improvement has been in the method of putting up Bird Joy. The German breeders made the cube and pushed it between the wires. We have imbedded wires in the cube so that it can be easily fastened to the wires of the cage.

Your canary cannot eat too much St. Andreasberg Bird Joy. His own appetite will dictate the amount that he requires. You can safely leave it in the cage all the time. Remember that age does not have any effect on St. Andreasberg Bird Joy, as it gets older it may harden slightly, but a few drops of water will soften it quickly. Price 15c; 18c postpaid.

ST. ANDREASBERG BIRD GRAVEL

St. Andreasberg Bird Gravel is the result of many years' experimenting as to what was best for the bottom of the bird's cage. We tried the river gravel, but owing to the fact that it was smooth, it did not grind the food properly, with the result that many of our birds became constipated. Also owing to its smoothness it did not keep the bird's toe nails properly worn down. Furthermore, often foreign substances were in the river sand that made the birds sick.

St. Andreasberg Bird Gravel is a rough white gravel, rich in limestone. The roughness grinds the food and wears the toe nails down to proper length. The limestone, owing to its calcium content, is good for the bird's bones. We recommend St. Andreasberg Bird Gravel as the one perfect covering for the floor of your bird cage. Price, 15c; by mail, add postage for 4 lbs.



WRITE FOR ST. ANDREASBERG BIRD BOOK. IT'S FREE

ST. ANDREASBERG CANARY BIRD SPECIALTIES

ST. ANDREASBERG BIRD CORDIAL



A liquid placed in the drinking water of canaries to keep them in constant song and in perfect health. St. Andreasberg Bird Cordial is a time-tried formula for sick and ailing canaries. We sell thousands of canaries every year and as soon as a shipment arrives we put five drops of Bird Cordial in the drinking water of every bird. The results are often like magic, the little traveler takes on new life and soon seems satisfied in his new home. It does not take long for the bird to begin singing after we have given him his St. Andreasberg Bird Cordial. We very strongly advise everyone that purchases a bird to get the Cordial for him, as sometimes a sudden change of drinking water proves disastrous.

St. Andreasberg Bird Cordial is the best known remedy for the prevention and cure of Asthma, Hard Breathing Cold, Shedding Feathers out of season, Constipation, Dysentery, Diarrhea, etc. The usual dose is five drops to one ounce of drinking water, to be given twice a week. No bird owner should be without a bottle of this famous product, as one cannot tell when it may be needed. To keep your bird in perfect health and to help ward off disease, we advise giving the canary St. Andreasberg Bird Cordial once a week as a preventive measure. **Price, per bottle, 25c; postpaid, 30c.**

ST. ANDREASBERG SONG RESTORER

With Cod Liver Oil and Yeast

A preparation for restoring the song and building up the constitution of the canary. The result of many experiments on birds that had lost their song, through improper feeding, drafts, moult, etc.

St. Andreasberg Song Restorer is without a doubt the most efficient product of this kind on the market today.

Eggs are the main ingredient combined with yeast, cod liver oil, herbs and fruits.

Everyone knows the concentrated food value of eggs. The birds like eggs and their tastiness causes them to eat plenty of the song restorer.

Yeast is rich in Vitamins B which are the great health stimulating vitamins.

Cod liver oil is the best source of the necessary Vitamin A.

Only when vitamins are present in great abundance does your canary attain the highest health, most perfect development of plumage and resistance to disease.

Herbs and fruits are added to the St. Andreasberg Song Restorer to increase the palatability and digestibility.

Take any bird that is weak or puny, shedding feathers out of season and St. Andreasberg Song Restorer will start him on the road to health and song. Excellent for breeding birds, as it increases the reproductive power, and the fertility of the eggs.

St. Andreasberg Song Restorer works wonders in many cases where the canary has not been singing for months. About a thimbleful a day is all that is necessary for the bird. There is no meat in St. Andreasberg Song Restorer, as meat often gets rancid and makes your canary sick.

St. Andreasberg Song Restorer is fit for human consumption, it is so clean and sweet smelling. Every canary owner should have a package of St. Andreasberg Song Restorer on hand at all times and feed it twice a week. It is the best health food or tonic that you can give your canary. In addition to being so good for your canary, it is also relished as a treat by the bird. If you like a little dessert after your meals, remember that your canary also enjoys something besides the seed day in and day out. We cannot say too much about the merits of St. Andreasberg Song Restorer, but are positive that one package will convince the most skeptical of its exceptional merits. **Price per Bottle, 25c; postpaid, 30c.**



ST. ANDREASBERG SHELL PRODUCER

Often the female canary will lay soft-shelled, rough or unevenly sized eggs. St. Andreasberg Shell Producer is especially designed to remedy these conditions. During the breeding season every breeder should place a teaspoonful of St. Andreasberg Shell Producer in a receptacle, in the cage every day. The birds take readily to St. Andreasberg Shell Producer and as a result they will lay eggs with a uniform egg shell and with a shell that will increase the hatchability of the egg.

St. Andreasberg Shell Producer is a petrified shell of exceptionally high per cent of calcium. The calcium is quickly available to the bird. Place a small amount in the bird's cage and watch the results. **Price, 20c per pkg.; by mail, 25c.**

ST. ANDREASBERG CUTTLE BONE

St. Andreasberg Cuttle Bone is the select bone that is used by jewellers. Note its whiteness and how clean it is. There is no danger of your bird getting any foreign substances when he has access to the St. Andreasberg Cuttle Bone. You can get this bone with or without holder. The holder will last a lifetime and permits your bird to eat the entire bone. **Price, with holder, 20c postpaid; without holder, 10c postpaid.**

WRITE FOR ST. ANDREASBERG BIRD BOOK. IT'S FREE

ST. ANDREASBERG CANARY BIRD SPECIALTIES

ST. ANDREASBERG NESTLING FOOD

Contains Cod Liver Oil and Yeast

Many people like to raise canaries for the pleasure, profit and experience. Raising canaries is an excellent pursuit that you can follow right in the home. You will enjoy the work. You will delight in watching the parent birds and youngsters. While we do not know of any fortunes that have been made in raising canaries, we do know of many people that have realized a nice profit from their birds.

The purpose of this book is not to go into detail about breeding and training of canaries, as that subject is treated on in many other excellent books. For further information regarding breeding of canaries, we would suggest you get the book entitled "A B C of Canary Raising." If your dealer cannot supply same, we will gladly mail a copy for 25c.

For people that wish to raise birds we have what we believe to be the best Nestling Food obtainable. St. Andreasberg Nestling Food is a better food for breeding birds and baby canaries than any breeder can prepare. St. Andreasberg Nestling Food eliminates the work of boiling eggs daily for the baby birds.

St. Andreasberg Nestling Food contains eggs, yeast, cod liver oil and cereals.

Eggs, of course, are the main ingredient. Most prepared foods contain dried eggs in some form. In St. Andreasberg Nestling Food the eggs are baked with the cereals, thereby increasing the digestibility and making the food immediately available.

Yeast is rich in Vitamins B, which are the great health stimulating vitamins.

Cod Liver Oil is the best source of the necessary Vitamin A.

Growth and health cannot be maintained without these essential vitamins.

Your baby birds will develop more quickly, will have better plumage and be in better health when fed St. Andreasberg Nestling Food.

Breeding birds are under a severe strain on their vitality and St. Andreasberg Nestling Food not only takes the place of egg food, but is better than any egg food you can make.

St. Andreasberg Nestling Food puts back in the bird the exhausted life forces that are drained away by egg production and builds up the female canary at the same time. The male bird's productivity will be increased, the eggs will be more fertile and general better health results. Price, per bottle, 25c; postpaid, 30c.

ST. ANDREASBERG MITE POWDER

This preparation is effective in killing the vermin that may get on a canary. St. Andreasberg Mite Powder contains no inert ingredients, but is 100 per cent pure, for which reason it is so effective. Absolutely harmless to the bird.

Nothing can cause greater torture to the little canary than the small red mites. They get on the little bird's body and suck away the very life blood of the bird. No bird owner should be without a package of St. Andreasberg Mite Powder, as a bird may die if it loses all its vitality on account of mites. Price, 15c; by mail, 18c.



ST. ANDREASBERG NESTING HAIR

Used by many canary breeders for the nests of birds. The hair is usually placed in the bottom of the cage and birds make their own nests. St. Andreasberg nesting hair is pure white goat hair and is thoroughly sterilized. Price, 10c per pkg.; by mail, 17c per pkg.

Note—The book, "A. B. C. of Canary Raising," goes into great detail about rearing canaries. We would suggest that anyone interested in this amusing and profitable pursuit get a copy of same. Price, 25c postpaid.

ST. ANDREASBERG BIRD SALVE

A salve of the highest quality and greatest effectiveness. Used for sore feet or any body sores on canaries. Its quick work and the fact that it cannot hurt your bird in any way makes it a great boon to canary owners. Should be used sparingly. Price, 15c per tin; by mail, 17c.



ST. ANDREASBERG FEATHER RESTORER

St. Andreasberg Feather Restorer comes in tablet form and is given in the drinking water. For birds that are slow in growing feathers after the moult or birds that have been bald for a long time, St. Andreasberg Feather Restorer works wonders. Place a Feather Restorer tablet in the drinking water of your canary once a week and you will have a fine, clean, sleek-looking canary. Price, 25c; by mail, 27c.



WRITE FOR ST. ANDREASBERG BIRD BOOK. IT'S FREE

SPRATT'S CAGE BIRD FOODS, MEDICINES, ETC.

Spratt's Cod Liver Oil Cage Bird and Nestling Food. For feeding young birds and old birds during the moulting season. A tonic and flesh and bone maker. Unequaled as an aid to feather growth. 4-oz. pkg., 15c; by mail, 18c; 9-oz. pkg., 25c; by mail, 30c.

Spratt's Moulting Food. It is not only a valuable tonic mixture, but a flesh and bone making food, keeping birds in good health during the moulting period. As a feather producer, it is unrivaled. 9-oz. pkg., 25c; by mail, 30c.

Spratt's Mixed Bird Seed. A well-balanced mixture containing the best seeds obtainable. 15-oz. pkg., 25c; by mail, 32c.

Spratt's Canary Seed Mixture with Egg and Fruit. Contains a combination of choicest seed with dried egg and dried fruit. Will improve the health of songsters and develop their singing powers. 15-oz. pkg., 25c; by mail, 32c.

Spratt's Sing Song. An appetizing food and pick-me-up for all songsters. Per tin, 15c; by mail, 18c.

Spratt's Song Restorer. An invigorating tonic and treat for canaries, linnets, finches and seed eating birds. Price, 25c; by mail, 28c.

Spratt's Pollicrackers. A specially prepared biscuit for parrots and all similar birds. Made in a convenient size for a bird to grasp. Is greatly relished as a change. 12-oz. carton, 20c; by mail, 26c.

Spratt's Parrot Mixture. A combination of carefully selected seeds that are relished by parrots. It is an ideal combination that should be fed daily. 16-oz. pkg., 25c; by mail, 32c.

Spratt's Zeke (Dried Flies). A valuable food for all insectivorous cage birds, aquarium fish, trout, turtles, etc. An excellent treat for your bird. ½-oz. pkg., 15c; by mail, 17c.

Spratt's Ant Eggs. A change and a treat for soft billed and insectivorous birds. 1½-oz. pkg., 25c; by mail, 28c.

Spratt's Color Food. Deepens and intensifies the natural color of the plumage. Begin to use this food when young birds are eight weeks old. For old birds it should be used at the beginning of the moult. (Red) 2½-oz. tins, 25c; (Orange) 2½-oz. tins, 25c.

Spratt's Defiance Mocking Bird Food. (Henning's Formula.) The best food obtainable for Mocking Birds, Robins, Thrushes and other soft-billed birds. ½-lb. tin, 25c; by mail, 30c.

Spratt's Quinella (Tibbs). For inflammation of stomach in cage birds. Price, 25c; by mail, 28c.

Spratt's Canardyne (Tibbs). For asthma and wheezing in cage birds. Price, 25c; by mail, 28c.

Spratt's Bird Tonic. Aids in the prevention of certain diseases to which cage birds are heir. Small bottle, 15c; by mail, 17c; large bottle, 25c; by mail, 28c.

Spratt's Chemical Food. A valuable tonic which helps to build up and renew wasted tissues. Price, 75c; by mail, 80c.

Spratt's Bird Wash. A non-poisonous preparation for the alleviation of skin irritation and feather pulling habits. Price, 25c postpaid.

Spratt's Parrot Tonic. For colds and bowel trouble. All parrots in confinement require a little tonic occasionally, especially during the moulting season. Price, 35c; by mail, 38c.

Spratt's Red Mite Trap. Red mites cause more deaths among cage birds than any other pest, no matter how clean cages are kept. Spratt's Red Mite Traps are one sure method of eliminating mites. Price, 25c each, postpaid.

SPRATT'S GAME BIRD FOODS

For many years, in England, different estates and clubs have had their own game keepers, who raise and release pheasants, grouse, partridge, etc. Consequently there is so much game that it is sold on the market, not to say anything of the great shooting that is the pleasure of the English sportsmen.

America, a much younger country, has sadly depleted its wild life. Conservation leagues have been formed, drastic laws passed, legal bag limits reduced, etc., to protect our wild heritage. Every sportsman can raise, in his own backyard, game which he can later release, in the cover where he hunts, enough game to give him interesting shooting. Get a copy of Spratt's book, "Pheasant Culture," with hints on rearing Quail, partridge, wild ducks and wild turkeys. Price, 25c.

Spratt's have been supplying the game keepers of England with the proper food for many years. We can offer you the same foods that made their success possible.

Spratt's Chick Meal No. 12. (Pin head size.) Should be fed to young pheasants, quail, etc., for the first three weeks. Comes nearer to nature than any other food. Thoroughly cooked and easily digested. Gives the young birds the strength and stamina conducive to quick growth and rapid feathering. Price, 10 lbs., \$1.15; 25 lbs., \$2.60; 50 lbs., \$4.90; 100 lbs., \$9.50. By mail, add postage.

Spratt's Chick Meal No. 5. (Size of rice grains.) Fed after the birds are three weeks old.

Spratt's Game Food No. 3. (For adult birds.) No. 5 and No. 3 same prices as No. 12.

Spratt's Crissel. (Granulated Prairie Meat.) Very rich in protein, a substitute for insect life and ant eggs. Crissel should be well steamed before use. Price, 10 lbs., \$1.10; 25 lbs., \$2.25; 50 lbs., \$4.35; 100 lbs., \$8.50. By mail, add postage.

Spratt's Maxco. Rich in protein and carbo-hydrates, both of which are essential for a strong framework and quick feathering. Price, 10 lbs., \$1.25; 25 lbs., \$2.90; 50 lbs., \$5.75; 100 lbs., \$11.00. By mail, add postage.

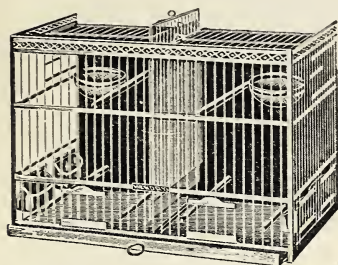
Spratt's Cardiac. (Tonic Spice.) A tonic powder for game. A small quantity enhances the nutritive quality of the food. Should be used during rainy weather. Price, 40c per pkg. By mail, 50c.

We can supply game breeders with oyster shell, grit, charcoal, etc. Write for prices.

CANARY BIRD SUPPLIES

BREEDING CAGES

Japanned cages with solid and wire partitions, metal drawer and closed back. Come complete with four glass cups, six perches and two nests. These cages are all metal and are absolutely vermin proof.



	Long	Wide	High	
No. 86-S.	17¼ inches	8¾ inches	14 inches	\$5.00
No. 86.	19½ inches	10 inches	14¾ inches	5.75
No. 87.	22 inches	11 inches	16¼ inches	6.50
No. 88.	24½ inches	12½ inches	17 inches	7.25

BIRD SUPPLIES

Cage Brackets and Springs.



No. 224. Nickeled, 8-inch.	Each	\$0.15
Postpaid		.17
No. 3710-B. Brass, 10-inch.	Each	.25
Postpaid		.27
No. 3712-B. Brass, 12-inch.	Each	.35
Postpaid		.37
Cage Springs. Single heavy.	Each	.25
Postpaid		.27
Cage Springs. Double heavy.	Each	.25
Postpaid		.27
Bird Nests.	Each	.15
Postpaid		.17

GOLD FISH SUPPLIES

SPRATT'S GENUINE WAFERS. The food in general use for gold fish. Made of finest rice flour. Price, 10c per pkg.; by mail, 12c.

EIGHTEEN KARAT FISH FOOD. A balanced mixture of animal and vegetable matter for all aquarium fishes. Price, 15c per tin; by mail, 17c.

UNIVERSAL FISH FOOD. An imported food consisting entirely of animal matter. Price, 20c per pkg.; by mail, 22c.

ANACHARIS. The best moss for growing in an aquarium. Grows easily and supplies oxygen and food to the fish. Price, 15c per bunch; by mail, 17c.

DIP NETS. A useful article when fish must be handled. Wooden handle, fine mesh. Price, 20c; by mail, 25c.

PEARL CHIPS. Pure white, polished white clam shells. No rough edges. Useful in beautifying your aquarium. ½ pt., 10c; 1 pt., 20c; 1 qt., 35c; by mail, add postage at rate of 1 lb. per half pint.

COLORLED CHIPS. These chips are dyed with a dye that will not come off in the water and is absolutely harmless to the fish. ½ pt., 15c; 1 pt., 30c; 1 qt., 55c; by mail, add postage at the rate of 1 lb. per half pint.

CAGE ACCESSORIES

Bath House. White enameled tin with removable glass sides. To use, open door of cage and attach. Fits any cage. Bird cannot spill water in cage.

Each, 65c.
Postpaid, 75c.

Tulip cups, opal or glass.

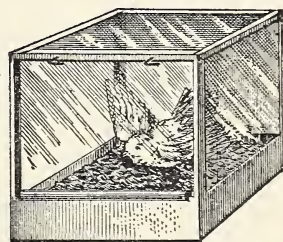
Each, 15c.
Postpaid, 18c.

Shell cups, opal or glass.

Each, 15c.
Postpaid, 18c.

Single Point Cups, opal. Each \$0.15

Opal Bird Baths. Each .15
Postpaid .18



Canary Bath House

CAT SUPPLIES

SPRATT'S CAT FOOD. A combination of meat, cereals, etc., in the proper proportion to form a balanced ration. Cats fed on Spratt's Cat Food can be kept in the best of health all the year 'round. Per carton, 30c; by mail, add postage for 2 lbs.

SPRATT'S CAT FOOD WITH PASTEURIZED MILK. Excellent for kittens and invalid cats. Price, per carton, 30c; by mail, add postage for 2 lbs.

SPRATT'S CAT FOOD WITH FISH. Use this as a change of diet especially during the summer months. Price, per carton, 30c; by mail, add postage for 2 lbs.

CATNIP MOUSE. A natural looking mouse made of mouse colored cloth, filled with catnip. Cats will play with this mouse by the hour. Price, 15c, postpaid.

SPRATT'S CAT WORM CAPSULES. An expellent of round, maw and tapeworms. Price, 60c, postpaid.

SPRATT'S KITTEN WORM CAPSULES. For kittens less than nine weeks old. Price, 60c, postpaid.

SPRATT'S CAT TONIC AND CONDITION TABLETS. To build up after sickness, and to put in show form, etc. Price, 60c, postpaid.

SPRATT'S CAT PURGATIVE TABLETS. Perfectly safe and thoroughly effective. Price, 60c, postpaid.

SPRATT'S CAT DIARRHEA TABLETS. A soothing and effective treatment. Price, 60c, postpaid.

SPRATT'S CAT CONSTIPATION TABLETS. A gentle and effective laxative. Price, 60c, postpaid.

SPRATT'S CAT DIGESTIVE TABLETS. Should be given after meals. Price, 60c, postpaid.

SPRATT'S CAT COUGH TABLETS. Price, 60c, postpaid.

SPRATT'S CAT ECZEMA & MANGE OINTMENT. Aids in the treatment of most parasitical skin diseases. Price, 60c, postpaid.

CAT CULTURE (SPRATT'S). An excellent treatise on the care of cats. Price, 15c, postpaid.

GARDEN IMPLEMENTS

**Asparagus Knife**

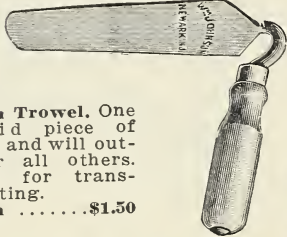
Asparagus Knife. Highest grade crucible steel, highly polished blade, 7½ inches long, 1¼-inch blade. Fastened by two rivets in highly polished hardwood handle. Each\$0.50

**Beet Hoe**

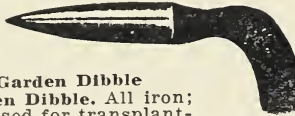
Beet Hoe. A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. Each\$0.50

**Socket Garden Trowel No. DST.**

Blade forged from one solid piece of high-grade steel, tempered and polished. Price.....\$1.00



Garden Trowel. One solid piece of steel and will outwear all others. Fine for transplanting. Each\$1.50

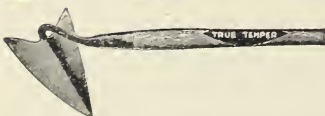
**Garden Dibble**

Garden Dibble. All iron; is used for transplanting small plants. Has polished steel point. Each.....\$0.85

**"McKenney" Tree Pruners**

Number 1 has two cutting blades, drop forged from tool steel. The handles are of steel and the hand grip designed so that it may be carried on the belt. Length, 23 inches. Each\$4.50

Number 2 cuts limbs 1¼ inches in diameter easy and perfect. Same as No. 1, only larger. Each\$6.50

**Warren Hoe****No. W7**

For opening seed rows, covering seed, hilling, cultivating, and weeding. Has more uses than any other hoe made. Each, \$1.50

**Acme Weeder or Hand Cultivator.**

Combination hoe and cultivator combined. Made of solid steel. Each\$1.25

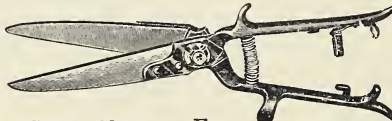
**Garden Rake.**

All steel, with short teeth, 16 teeth. Each\$1.50

Lawn Rake, Ole Olson. The wooden teeth in this rake are mortised through the head and clinched in a way that holds them absolutely tight and rigid. 26 teeth. Each\$1.75



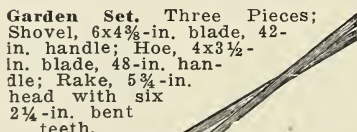
Garden Hoe. Highest grade crucible forged steel, oil tempered polished blade. 6½-inch blade. Each.....\$1.00



Grass Shears. For trimming edges on walks or borders. The best made. Each\$1.00

**Pruning Saw.**

Pruning Saw. Highest grade crucible steel, polished and etched blade with adjustable cherry-wood handle. 14-inch blade. Each.....\$1.25



Garden Set. Three Pieces; Shovel, 6x4½-in. blade, 42-in. handle; Hoe, 4x3½-in. blade, 48-in. handle; Rake, 5¼-in. head with six 2¼-in. bent teeth.

Per Set \$2.00

**Brume Rake****No. FBR22.**

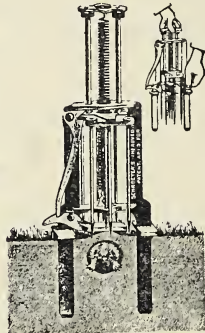
A light, strong lawn broom, with flat, tempered spring steel teeth. Also used for gathering excelsior or litter from factory or store floors. Price, Each...\$1.00

**Hand Spading Fork**

Hand Spading Fork. These forks are well made. The tines are polished about half-way and adjoining part enameled blue. 11-inch\$0.40

**Hedge Shears.**

Hedge Shears, No. 54. 9-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches.\$2.00
6-inch, No. 34.....\$1.00

Mole Trap**NO. 1 IMPROVED MOLE TRAP**

Mole Trap. Is designed particularly for trapping Ground Moles. This trap is a type in which a spring actuated member provided with sharp-pointed prongs is reciprocatingly mounted on a stationary frame or supporting structure and is held in an elevated position by a latch or trigger mechanism that is adapted to be tripped by a mole traveling through a furrow in the ground where the trap is located. Each\$2.00

**Potato Hook.**

Highest grade crucible forged steel tumbled finished prongs, oil tempered and carefully tested; bent head. Each...\$1.25

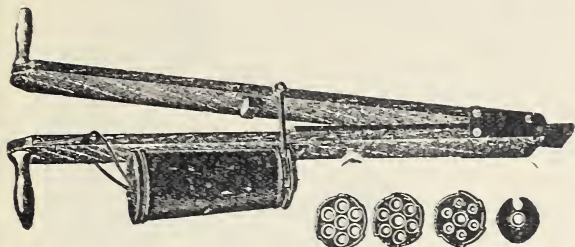
**Pruning Shears**

Pruning Shears. Very strong steel blades and good spring. Each, No. 30, \$0.75; No. 130, \$1.00; No. 172, \$1.50.

**Flat Top Turf Edger. No. 40F**

This turf edger has the upper edge of the blade turned over to furnish a flat surface for the foot. Each\$1.25

GARDEN IMPLEMENTS—Continued



Corn Planter. The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. Each....\$2.50



Edger Planet Jr. To keep ground looking neat and attractive, the grass bordering all walks must be frequently edged and this will do the work quickly and with little effort, no matter if the walks are straight or curved. Each.....\$2.00

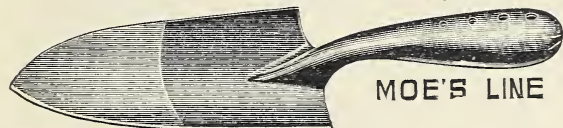


Tree Pruners, Water's. The best pruner on the market. 8 ft., \$1.85; 10 ft., \$2.10; 12 ft., \$2.25. Extra blades, each.....\$0.50

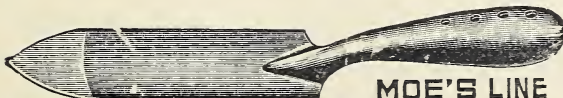


Spade. Is made from best tempered steel, fitted with select ash handles. Price, each.....\$1.75

ALL-STEEL GARDEN TOOLS



No. 80. Garden Trowel. One-piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 inches. Ground and polished points. Shipping weight, 1 lb. Each.....\$0.20



No. 81. Transplanting Trowel. One-piece pressed steel. Handsomely finished in black and baked enamel. Length of blade 6 inches. Width, 1 1/4 inches. Each.....\$0.20

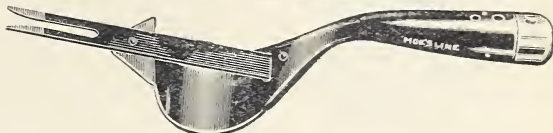


No. 82. Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. Each.....\$0.20

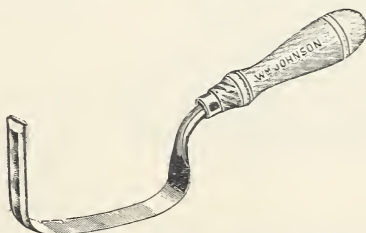


Fork. Digging or spading, 4 tines. Strap ferrule. Gardeners everywhere are adopting spading forks in place of solid blade spades; the forks not only turn up the soil, but at the same time break it up so that cultivation is much easier. Each.....\$1.50

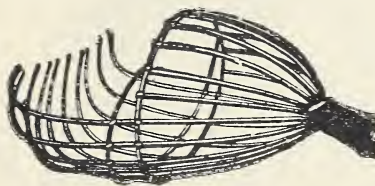
MOE'S LAWN WEEDER



California Lawn Weeder. Has a slotted steel prong which holds the weed firmly and a slight pressure on the handle removes it completely, with the root. Easy to use and does not mar the lawn. Length 11 inches. Finely finished in baked black enamel. Shipping weight 1 lb. No. 89 Weeder, each.....\$0.30



Ideal Hand Weeder. In our opinion this is the best of all weeders. Price, each.....\$0.25



Fruit Picker

Fruit Pickers. Attach to pole of any desired length. Saves all climbing, especially on young trees. Price\$0.75
Shovel. A handy tool for the garden.....\$1.75

SNAP TOOTH RAKES

Cuts Lawn and Garden Labor in Half

Oil tempered spring teeth. Galvanized iron channels with slots into which each tooth snaps to place. Each tooth is firmly set independent of every other tooth. No units or bolts, you merely change teeth to conform to work to be done. Light weight. Best of material.

No. 1. The spring teeth follow natural contour of the lawn. Cleans self easily by reversing and wiping tines on ground. Fine for cultivating, clearing off flower beds in spring and wherever a rake is used. Due to the flexible teeth the Snap Tooth will not injure the most delicate plant. Price, No. 1.....\$1.00

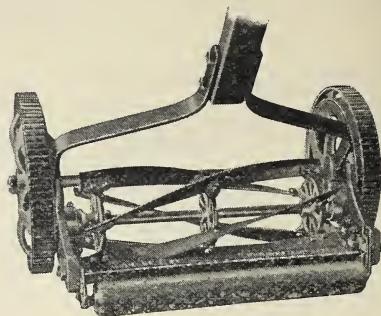
No. 2. A narrower tool than the No. 1, but the same principle. Especially adapted for working over tulip bed, as it will not cut off the top of the tulip bulb. Excellent for cultivating around shrubbery and flowers. Price, No. 2.....\$0.75



CYCLONE SEED SOWERS

The material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of $\frac{1}{2}$ bushel. It sows, with ease to the operator, all varieties of grain and grass seed, perfectly even.

Each, \$2.00; Postpaid, \$2.15.



Lincoln Lawn Mower

LIGHTNING TIN HORN SEED SOWER

Has long tin sectional tube, having sack attached; also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand.

Each, \$1.00; Postpaid, \$1.10.

CAHOON'S BROADCAST SOWER

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33, Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Each, \$4.00; Postpaid, \$4.25.

THE "LINCOLN" LAWN MOWER

Enjoy mowing your lawn. You can with a "Lincoln" mower. Built to give years of faithful service with little attention. Perfectly adjusted, the "Lincoln" runs easy, clipping your lawn with velvety smoothness. Timken bearing reels. Five cutting blades. Ten-inch wheels. Four screw adjustment for cutter bar. Hard maple varnished handle. Ball bearing wheels.

14-inch\$12.00 16-inch\$12.75
18-inch\$13.25

"PHILADELPHIA" LAWN MOWER

Style "A" All Steel. Philadelphia Lawn Mower is practically indestructible. It is made by the best mechanics in the oldest lawn mower factory in the world. Every part is mechanically perfect. Style "A" is a light-running mower with all unnecessary weight eliminated. Roller bearings assure you of even wear all around. Cylinder with 4 blades; driving wheel, 10 inches; diameter of cylinder, $6\frac{1}{2}$ inches; train of 3 gears on one side. Double ratchet. Each, 19-inch, \$28.75; 21-inch, \$30.00.

Dewey. The Dewey is made in the same factory by the same experts that make the Philadelphia Style "A" Mower. The Dewey will give excellent service and is a good value at the price offered. Cylinder with 4 blades; driving wheel, 8 inches; diameter of cylinder, $5\frac{1}{4}$ inches single pinion; geared both sides. Each, 12-inch, \$11.50; 14-inch, \$12.00.

Grass Catcher. Heavy Gauge galvanized wire frame, covered with extra quality 8-oz. green and white striped canvas side and back.

Each, 14 to 16-inch, \$1.50; 18 to 20-inch, \$2.00.

"PHILADELPHIA" LAWN TRIMMER

Lawn Trimmer. Will cut smoothly to $\frac{1}{4}$ inch of wall, making use of shears unnecessary. Built for durability and service. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, $5\frac{1}{4}$ inches.

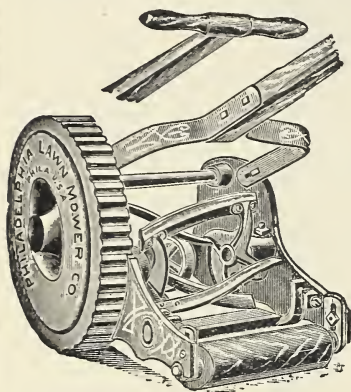
Each, 6-inch, \$9.50.

PENNSYLVANIA ROTARY LAWN RAKE

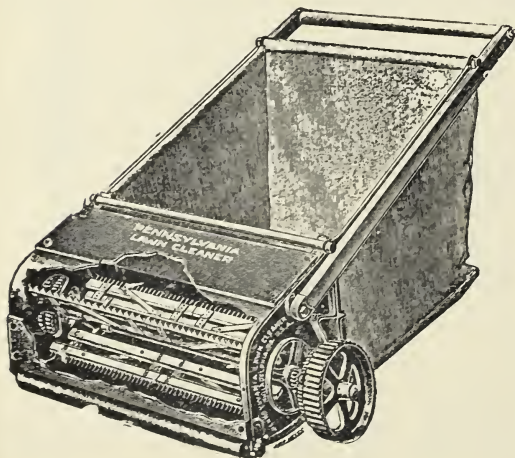
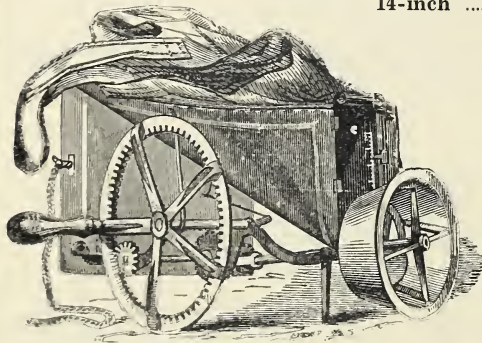
This is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass, and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. It has a dumpable collecting box. One man can do more work than four with rakes.

(Weight, packed for shipment, 90 lbs.)

Each, 24-inch machine, \$35.00.



Cahoon Seeder



SPRAYERS THAT SPRAY SPRAY YOUR ORCHARD AND SAVE YOUR FRUIT

The many advantages due to proper spraying are so numerous that they cannot be told here. Everybody knows that in the garden, the orchard and the poultry house, spraying returns a profit that far exceeds any on so small an investment and short time necessary to spray. Bigger crops and better fruit are one of the few results, and by producing such crops you can expect to make your orchard pay.

We can supply you with any kind of a sprayer from the small tin atomizer to the large barrel spray. Let us know your needs in the sprayer line and we are sure that we can supply you with what you need.



MYERS' COMPRESSED AIR SPRAYER

An extra heavy material chamber with a 1 $\frac{3}{4}$ -inch brass tube cylinder attached to the can by means of a heavy brass screw nut. The handle is D-shaped and large enough to be operated by anyone in perfect comfort. By means of a small lever the spray can be adjusted from a broad fine spray to a heavy single stream. The valve is made of a pliable rubber disk supported by a metal plate held in position by a brass coil spring and brass spring on which it operates.

No. 296. Galvanized.....\$6.50

No. 297. Brass 9.50



PERFECTION SPRAYERS

A COMPRESSED AIR SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure work. Four-gallon capacity.

Galvanized\$6.50 Brass\$9.50

Junior Perfection—A small compressed air sprayer of the "Perfection" type. The capacity is 2 $\frac{1}{2}$ gallons and owing to the fact that it is not so heavy, it is a great favorite among the ladies.

\$4.75; postpaid, \$5.00.



Prize Bucket Pump

PRIZE BUCKET PUMP

Double acting works on both up and down stroke and throws a continuous stream. Can be used with any ordinary pail or bucket. Pump has seamless brass body cylinder, heavy brass plunger, brass ball valves, is equipped with an Acme nozzle, 3 $\frac{1}{2}$ feet of rubber spray hose and strainer on bottom to prevent clogging.

\$4.00; by mail, \$4.25.



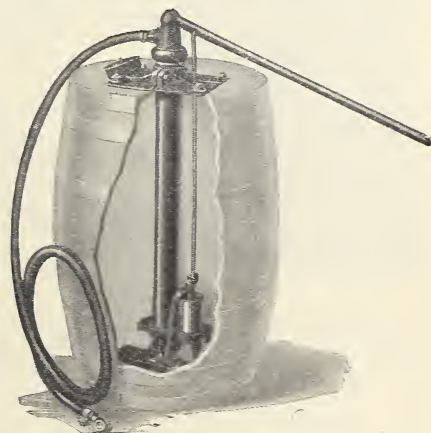
Perfect Success

DEMING'S PERFECT SUCCESS

Has brass ball air chamber to cushion the stream, giving it uniform pressure. Working parts same as Prize bucket spray. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet $\frac{3}{4}$ -inch discharge hose and Bordeaux nozzle. \$7.00; by mail, \$7.25.

DEMING'S CENTURY BARREL PUMP

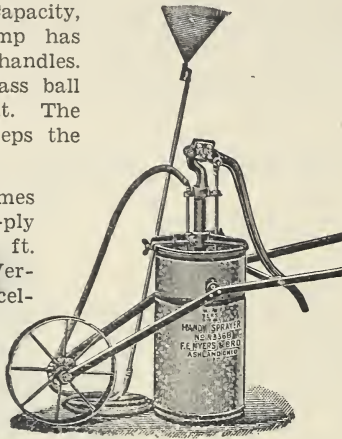
The "Century" is proof against corrosion, as all working parts are brass; is so substantially constructed as to be practically exempt from breakage; is easy to operate and a fine buy for the orchardist. Universal Iron Base—adjustable to any size or depth of barrel—fits the flat head or curved side of barrel. This, with foot lug, keeps pump absolutely rigid during operation. Base fits 7x10-inch hole. Four hook-bolts with large thumb nuts attach base to barrel head. The cylinder has a 4-inch stroke and is always submerged and primed. Plunger has a special fabric packing, chemically treated. Solid bronze valves and bronze valve seats. By removing four bolts, both suction and discharge valves may be taken out for examination and repairs. Twin paddle type agitator. Brass discharge "Y" for two leads of hose. \$18.50.



MYERS' PORTABLE SPRAYER
R 336B

Made of extra heavy galvanized iron. Capacity, 12½ gallons. Pump has patented cog-gear handles. The valves are brass ball with a brass seat. The dasher agitator keeps the material stirred.

This sprayer comes with 15-ft. ½-in. 5-ply discharge hose, 8 ft. extension and Vermorel nozzle. An excellent all-around pump and is especially handy where turning in narrow places is necessary.

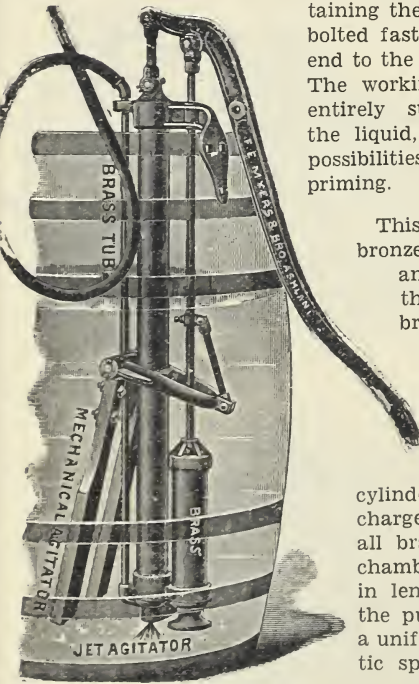


Each\$25.00
Extra extension pipe, 8 ft. Each..... .75

MYERS' BARREL SPRAYER
NO. 305B

The entire pump sets inside the barrel containing the liquid, being bolted fast at its upper end to the barrel staves. The working parts are entirely submerged in the liquid, avoiding all possibilities of losing priming.

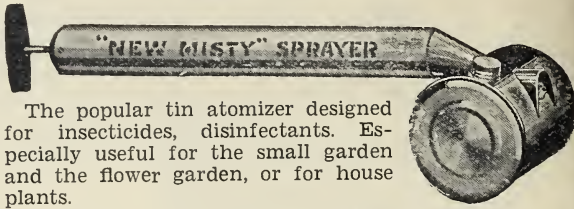
This pump has bronze ball valves and brass seats; the plunger is brass fitted with hemp packing. Will handle hot, cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches in length, enabling the pump to throw a uniform and elastic spray.



It has a good leverage, is very powerful and easily operated. Complete, with one lead of 15 ft. 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator.

Each\$14.00

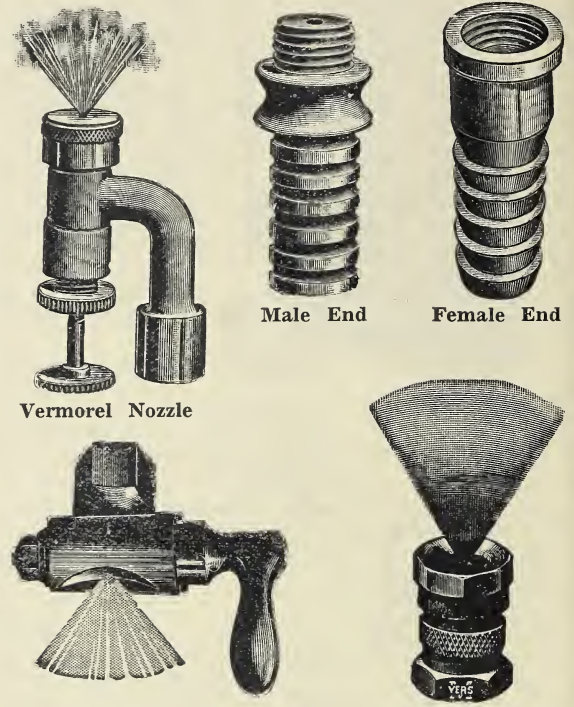
NEW MISTY



The popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants.

1 Qt. size.....\$0.50
By mail add 25c for Postage and Packing.

EXTRA PART FOR SPRAYERS

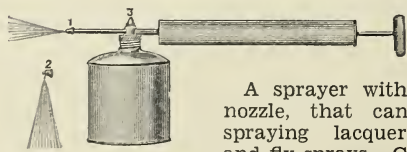


Vermorel Nozzle
Bordeaux Nozzle
Sprinkling Nozzle
Male End
Female End

Bordeaux Nozzle..	\$1.00
Vermorel Nozzle....	.80
Imperial Nozzle....	.40
Y .....	.50
Sprinkling Nozzle..	\$0.30
Male End .....	.25
Female End.....	.25
Bend .....	.25

BAMBOO EXTENSION RODS—8 feet long.
Each, \$4.00; 10 feet, \$4.50; stop-cock, \$1.00.

G-V SPRAYER

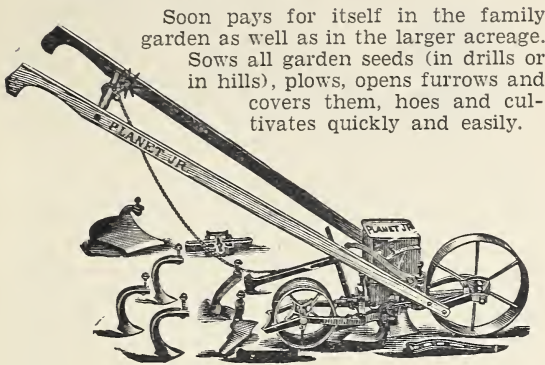


A sprayer with an adjustable nozzle, that can be used for spraying lacquer, disinfectants and fly sprays. Can also be used as a blow torch using ordinary kerosene. Complete directions with every sprayer. Price: tin, \$1.50; brass, \$2.50. By mail add 25c for postage and packing.

PLANET JR. FARM AND GARDEN IMPLEMENTS

Carefully made of best materials. Save time, labor, money. Specialized tools made by Specialists.

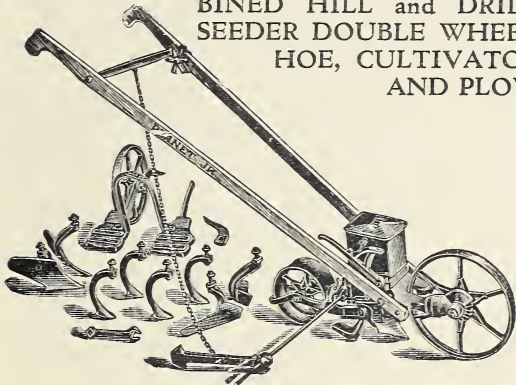
No. 4 PLANET JR. COMBINED HILL and DRILL SEEDER and WHEEL HOE



Complete, \$18.00

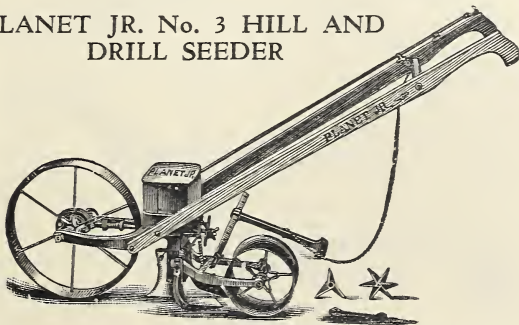
No. 4D, Hill and Drill Seeder, same as above less the cultivating attachments, \$14.25.

No. 25 PLANET JR. COMBINED HILL and DRILL SEEDER DOUBLE WHEEL HOE, CULTIVATOR AND PLOW



A favorite among market gardeners, onion growers, or large gardeners. It is a perfect seeder and combined double and single wheel hoe. **No. 25. Complete, \$21.50.**

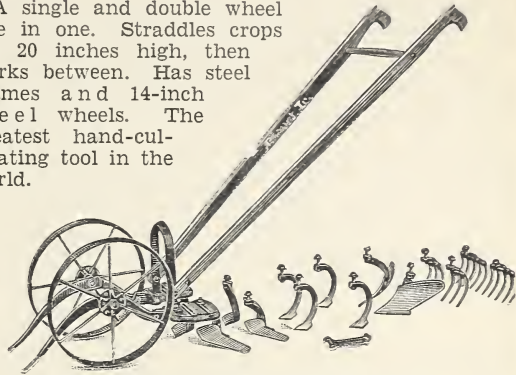
PLANET JR. No. 3 HILL AND DRILL SEEDER



A favorite among onion growers and market gardeners. **The hill dropping** is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart. 15-inch Steel Driving Wheel. Holds 3 quarts of seed. Weight packed, 44 lbs. **\$17.50.**

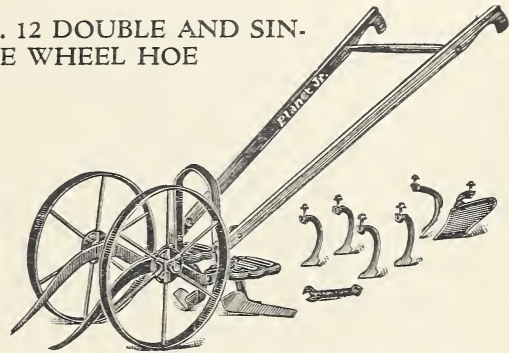
No. 11 PLANET JR. DOUBLE WHEEL HOE CULTIVATOR PLOW and RAKE

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.



No. 11 Planet Jr. Cultivator, \$13.75

No. 12 DOUBLE AND SINGLE WHEEL HOE



No. 12 Planet Jr. Double and Single Wheel Hoe is identical with No. 11, except that the 4½-in. hoe and the rakes are omitted from the equipment. **\$10.75**

No. 13 PLANET JR. DOUBLE and SINGLE WHEEL HOE

No. 13 has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only, the most useful of the cultivating attachments and all that some onion growers and others want. **\$8.00.**

No. 17 PLANET JR. SINGLE WHEEL HOE

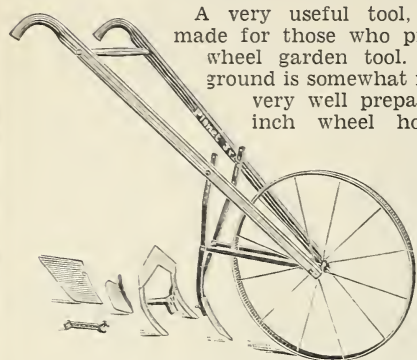


These Single Wheel Hoes have steel frames and 15-inch steel wheels. **\$7.75.**

GARDEN IMPLEMENTS—Continued

Give years of satisfactory service after moderate cost is forgotten. Cheapest in the long-run.

No. 19 GARDEN PLOW AND CULTIVATOR



A very useful tool, particularly made for those who prefer a high wheel garden tool. Where the ground is somewhat rough, or not very well prepared, this 24-inch wheel hoe will run easily. The fine assortment of cultivating attachments will do any of your cultivating, plowing, hilling, etc. Equipment: 1 1 1/4-inch cultivating tooth; 1 4-inch cultivating tooth; 1 garden plow; 1 reversible combination of scuffle blade and 3 cultivating teeth. 24-inch steel wheel\$5.90

PLANET JR. JUVENILE WHEEL HOE

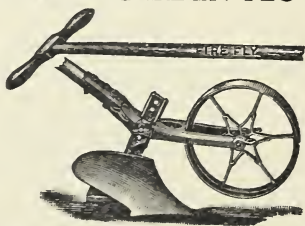
Patterned after the regular Planet Jr. Single Wheel Hoe, this tool is made for and proves very attractive to those boys and girls who have a natural inclination to imitate their parents in the garden.



Equipment consists of 3 narrow cultivator teeth. Tool is made of the best material, and is up to Planet Jr. quality in every way. It will instill in the youngster that spirit of industry that is so useful and will build up healthful and sturdy constitutions, \$2.50.

Planet Jr. Tools Are the Standard of the World.

FIREFLY GARDEN PLOW



Exceedingly useful to owners of small gardens, throwing a furrow four to six inches wide and one to three inches deep. This tool will enable a busy man to do all his garden work in a few minutes. Fine for scratching up the chicken yard, \$4.25.

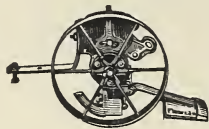
EXTRAS For PLANET JR. TOOLS



Plow for Single Wheel Hoe. Each.....\$1.50
S100-101 Hoe. 7 1/2-inch Blade. Pair..... 1.50
Rakes. Each, 3-tooth, 45c; 5-tooth..... .75
Disc Hoes. Pair..... 3.50
Three-Prong Cultivator Teeth. Each..... 1.75
Cultivator Teeth. Each..... .35

No. 35 PLANET JR. SEEDER ATTACHMENT

For Wheel Hoes and Garden Plows



Ever since the wheel hoe replaced the hand hoe in the kitchen garden there has been an insistent demand for a small seeder. The seeding attachment shown here can be attached to any Planet Jr. Single or Double

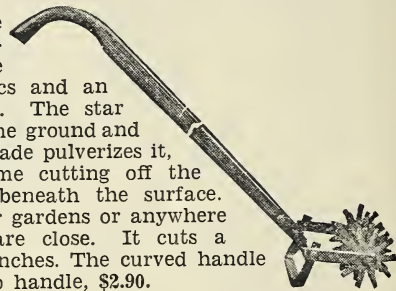
Wheel Hoe or Garden Plow.

Remember this attachment does not replace our regular line of seeders—it is intended for the small kitchen garden where the rows are usually short—not large enough to warrant the purchase of a complete seeder. It is just as accurate as the larger models and change from one seed to another is made in a few minutes.

Everyone raising his own table vegetables should have this attachment, \$6.50.

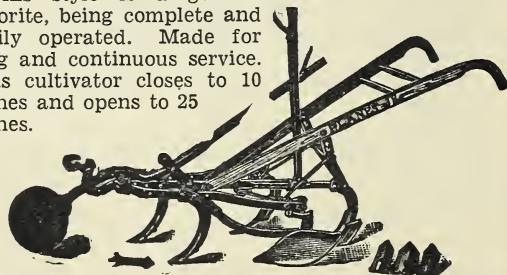
STAR PULVERIZER CULTIVATOR AND WEEDER

This new type of the Star Pulverizer has one row of star discs and an oscillating blade. The star discs break up the ground and the oscillating blade pulverizes it, at the same time cutting off the weeds directly beneath the surface. Useful in flower gardens or anywhere where plants are close. It cuts a width of eight inches. The curved handle makes it easy to handle, \$2.90.



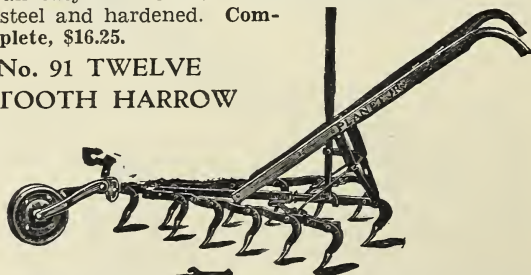
No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

This style is a general favorite, being complete and easily operated. Made for long and continuous service. This cultivator closes to 10 inches and opens to 25 inches.



The lever expander and depth regulator make this an easy tool to use. The teeth are made of bevel steel and hardened. Complete, \$16.25.

No. 91 TWELVE TOOTH HARROW



This twelve-tooth Harrow gives excellent satisfaction. For farmers and gardeners it is unequalled for deep or close cultivation or when desired to work a crop thoroughly without hilling. For the strawberry grower it is invaluable, \$13.00.

INSECTICIDES AND FUNGICIDES

Goods Marked (*) can be mailed at buyer's expense. Goods not marked cannot be mailed.

Acme All Around Spray. Combination spray for combating chewing insects, sucking insects, and blight and fungus diseases. Complete spray guide enclosed in each package showing use on flowers, plants. Contains Arsenate of Lead, Bordeaux Mixture and Nicotine Sulphate. $\frac{1}{4}$ lb. carton, 45c; 1 lb. carton, 95c.

Antrol

The National Ant Control

ANTS DESTROYED

New method "gets" them at their source—safe, permanent, effective

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed.

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden. Once installed permanent, effective and safe protection is insured from these annoying pests. Prices—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, 95c; Antrol extra containers (each), 15c; Antrol Syrup, 4-oz. bottles, 45c; pints, 95c; gallons, \$3.75.

***Aphis Punk (40 Per Cent Strength), for Fumigating.** Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Box of 12 rolls, 90c; 1 case, 12 boxes, \$8.50.

Arsenate of Lead Powder. The best known and most extensively used stomach poison for insects. It is safe to use on most plants. For general use, 1 pound to 50 gallons of water, or 3 teaspoonfuls to 1 gallon of water. $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 4 lbs., \$1.60; 12 lbs., \$4.50; 24 lbs., \$8.40.

Bordeaux Mixture Powder. For blight, mildew, rust and fungus diseases. For ordinary use it takes 6 pounds to 50 gallons of water. 1 lb., 35c; 4 lbs., \$1.25; 25 lbs., \$7.00.

DESTRUXOL

A contact and fumigating spray for insects such as Black, Green and Woolly Aphis, Red Spider, Thrips, Leaf Roller Hoppers, Mealy Bug, Scale in the Migratory Stage; effective for control of Blight, Rust, Mildew, and Chicken House Mites. 1 oz. makes 3 to 5 gallons.

Price, 1 oz.	\$0.40
2 oz. ....	.65
4 oz. ....	.90
$\frac{1}{2}$ pt.	1.75
1 pt.	2.60
1 qt.	4.85

MCK
EVER GREEN
NON-POISONOUS INSECTICIDE

Effective against Cucumber and Melon Beetles, Cabbage Worms, Rose Slugs, Aphis, Leaf Hoppers, and most other plant insects including cutworms.

1 oz. bottles.	\$ 0.35
6 oz. bottles.	1.00
16 oz. bottles.	2.00
32 oz. bottles.	3.50
1 gal. bottles.	13.00

***Fish Oil Soap.** Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. 1 lb., 45c; 5 lbs., \$1.50; 10 lbs., \$2.75.

***Flowers of Sulphur.** Used to check mildew and fungus diseases. 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.50.



***Gardite.** A powder that is applied when dew is on the leaves. Used for cabbage worms, cucumbers, and all garden truck. 1 lb., 15c; 5 lbs., 60c.

***Grape Dust (Hammond's).** Used as a dust to check mildew, dry rot and other fungi. 5 lbs., 75c.

***Grafting Wax.** Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.

***Lime Sulphur Powder.** Used as a dormant spray against scale insects. Use 10 to 12 pounds to 50 gallons of water. 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

Lime Sulphur (Liquid). Has same effect as the powder. Dilute with 10 parts of water. For summer spray dilute with 40 parts of water. Qt., 50c; $\frac{1}{2}$ gal., 75c; 1 gal., \$1.00; 5 gals., \$4.00.

Nikoteen (30 Per Cent). An economical and powerful nicotine extract. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of flower, fruit and vegetable lice. Small bottles, 30c, and 50c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25; (40 Per Cent Strength) 4 lbs., \$7.00; 8 lbs., \$13.00.

Paris Green. Paris Green is a strong and best known poison for potato bugs. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

Scalecide. A dormant spray for scale. Mix 1 part Scalecide with 15 parts water. 1 qt., 75c; 1 gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 30 gals., \$25.00; 50 gals., \$35.00.

***Slugsnot.** Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc. Cartons, 20c; 5 lbs., 75c.

SNAROL

Quickly Kills Garden Pests

Science provides new safe methods that does the work without fuss. Cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc., are exterminated.

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. These pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen.

Prices—1 lb. packages, 45c; 3 lb. packages, 95c; 15 lb. bags, \$3.50; 50 lb. bags, \$9.50.

Sulfocide. A summer spray for scale. 1 pt., 70c; 1 qt., \$1.00; 1 gal., \$2.75; 5 gals., \$8.75.

Tobacco Dust. For aphis. 100 lbs., \$4.50.

***Tree Tanglefoot (Caterpillar Paste).** A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. 1 lb. can, 50c; 5 lb. can, \$2.35; 10 lbs., \$4.50; 20 lbs., \$8.75.

***Volek.** The Scientific Insecticide for nursery, green house and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and trips. $\frac{1}{2}$ pt., 50c; 1 pt., 75c; qt., \$1.00; gal., \$3.00.

***Tree Paint (Pine Tar).** For painting on wounds after pruning. 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.

WEED KILLERS

Weed Killer (Hammond's). Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts of water. 1 qt., 70c; 1 gal., \$1.75; 5 gals., \$7.00; 10 gals., \$13.00; 30 gals., \$33.00.

Atiacide Non-Poisonous Weed Killer Duster exterminates all undesirable vegetation including Poison Ivy, Canada Thistle, Johnson Grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on the weeds and grasses to be killed. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters.

1 lb. Duster.\$0.50 Each
(Kills 100 sq. feet of weeds.)

3½ lb. Duster.\$1.50 Each
(Kills 350 sq. feet of weeds.)

PLANT LABELS—LAWN ROLLERS—PLANT TUBS—PLANT STAKES LAWN SPRINKLERS



Cedar-Tree Tubs

CEDAR TREE TUBS

Made of the very choicest seasoned cedar, highly finished with black hoops; will last as long as cypress tubs.

No.	Diam. In.	Height In.	
1	12	10½	\$2.50
2	13	13	3.35
3	14½	15	4.00
3½	16½	15½	4.90
4	19½	17	5.50

RICHMOND STYLE TREE TUBS

These Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

No.	Top Diam.	Depth	
1B	6 inch	6 inch	\$0.65
4B	9 inch	9 inch	1.00
5B	10 inch	9 inch	1.10
6B	11 inch	10 inch	1.50
7B	12 inch	11 inch	1.75
8B	14 inch	12 inch	2.25

PLANT STAKES AND SUPPORTS

Japanese Bamboo Canes. Dyed Green.

	Doz.	100	1,000
1½ feet	\$0.10	\$0.45	\$3.60
2 feet	.15	.75	6.00
2½ feet	.25	1.00	7.50
3 feet	.20	1.15	9.00
4 feet	.25	1.50	11.00
5 feet	.25	1.80	13.50

NATURAL CANE STAKES

6 ft. doz. \$0.20 100 \$1.50

Chinese Tonkin Cane. These are Chinese canes, very strong and heavy. ½-in. diam.

	Doz.	100
4 feet	\$0.60	\$4.50
5 feet	.85	6.00
6 feet	1.00	7.50

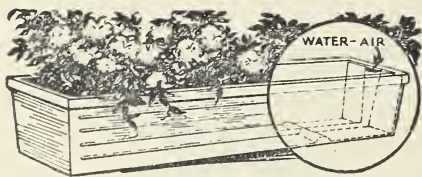
POT LABELS (Plain)

Per 100	Per 1000	Per 100	Per 1000
4 inch.....\$0.40	\$2.50	8 inch.....\$0.75	\$5.50
5 inch......50	2.75	10 inch..... 1.00	8.00
6 inch......60	3.50	12 inch..... 2.00	

WIRED TREE LABELS

3½x½-in., per 1000.....\$3.25
5x1½-in., pkg. of 200..... 1.50
If painted are wanted, add 40c per 1000.

THE PERFECTO FLOWER BOX



Proper Irrigation

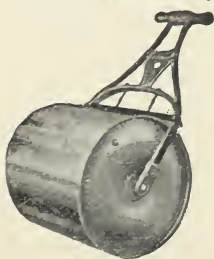
We have the following sizes enameled in Green finish or Old Ivory finish. Specify color desired in ordering. Delivered upon receipt of price.

PRICES

26 inches long, 6 in. deep, 7 in. wide.....	\$2.50
32 inches long, 6 in. deep, 7 in. wide.....	2.75
38 inches long, 6 in. deep, 7 in. wide.....	3.25
44 inches long, 6 in. deep, 7 in. wide.....	3.75

Cannot be sent by mail.

Proper Ventilation



DUNHAM LAWN ROLLERS

Every lawn needs a lawn roller. Lawns should be rolled frequently, especially in the spring of the year, at which time the grass is often raised out of the soil due to alternate thawing and freezing. This leaves the roots exposed and by rolling frequently the soil will be packed firm. Rolling the lawn helps the ground retain moisture, preventing the roots from growing upward and being killed by the hot rays of the summer sun.

No.	Diam. inches	Length inches	Sections	Approx. Wt. Empty	Filled with Water	Each
5	18	24	1	85 lbs.	265 lbs.	\$20.00
7	24	24	1	110 lbs.	420 lbs.	23.00
9	24	32	1	130 lbs.	565 lbs.	26.00

TIMESAVER PLANT SUPPORT

A long lived, low priced, completely adjustable support, all metal parts being galvanized, java end is green. Can be adjusted as to height and size of loop almost instantly and is practically hidden by the foliage of the plant it supports.

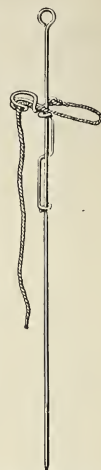
No.	2-3 feet	Doz.
No. 2-3 feet.....	\$1.15	
No. 3-A-4 feet.....	2.20	
No. 4-5 feet.....	2.75	

LAWN SPRINKLERS

Rubber Plant Sprinklers "Scollays". Made of the best rubber. Used for spraying house plants, sprinkling clothes, etc. \$1.50.

"Spray Maker". Abundant water is the secret of beautiful lawns and gardens. The SPRAY MAKER duplicates the action of a gentle rain. Covers a large area evenly, uniformly and economically. It is automatic and inexpensive. Strongly constructed of solid brass. Each, 50c.

Lawn Sprinkler "Universal". Has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. Each, 50c.

Timesaver
Plant Support

GARDEN HOSE

Garden Hose. We make a specialty of the very best lawn and garden hose. We do not handle a wrapped hose; only the best moulded hose is worth buying. The moulded hose will last for years after cheap wrapped hose is worn out. ½-inch, 13c; ¾-inch, 16c ft.

HOSE MENDERS

Hose Mender "Perfect Clinching". The best mender on the market. Easy to put on and no danger of leaking. ½-inch, ¾-inch and 1-inch, 10c; \$1.00 per dozen.

Hose Coupling "Perfect Clinching". A self-fastening coupling that does not require extra bands, bolts or wires. ½-inch, ¾-inch and 1-inch, 25c each.

Quick Hose Connection. The female end is attached to the hose and the male end to the faucet. The hose is attached by sliding the female end into the male end. Price, male end, 35c; female end, 25c.

Hose Nozzles Boston Spray. Brass; for ¾-inch hose; useful for watering lawn and garden. Each, 90c; by mail, \$1.00.

HOSE WASHER

Hose Washers—Rubber, ¾-inch, dozen, 5c; 1-inch, dozen, 10c.

BASKET BOTTOMS

Veneered Basket Bottoms for reed weaving. Well made of several ply panels. Well sanded and holes properly bored to fit uprights.

3-inch Round.....	\$0.10	3x 6-inch Oval.....	\$0.15
4-inch Round.....	.13	4x 8-inch Oval.....	.25
5-inch Round.....	.15	6x10-inch Oval.....	.35
6-inch Round.....	.18	8x14-inch Oval.....	.45
8-inch Round.....	.25	10x16-inch Oval.....	.55
10-inch Round.....	.40	12x20-inch Oval.....	.80
12-inch Round.....	.45		

RAFFIA AND REED

Raffia. We will furnish you the finest quality Raffia on the market in different colors. The natural Raffia is also used for tying up plants in field or greenhouse.

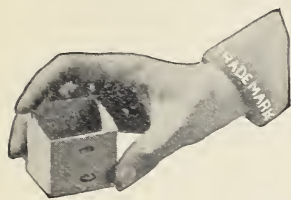
Natural, lb., 30c; skein, 10c; colored, ¼ lb. skein, 35c; 1 lb. pkg., \$1.25. Postage extra.

Reed. Used for basket making, lattice work, etc.

We carry all sizes adapted for schools, homes, etc.			
	1 roll	1 lb.	1 roll 1 lb.
No. 1.....	\$0.15	\$1.15	No. 4.....\$0.15 \$1.00
No. 2.....	.15	1.10	No. 5......15 .95
No. 3.....	.15	1.05	No. 6......15 .90

By mail, add Postage, 10c per lb.

PLANT BANDS—PAPER POTS—HOTKAPS—MULCH PAPER

POT PLANT
BANDS

Ready to Use

Bands with folding bottoms or pots can be used as an extra deep band by leaving bottom unfolded. By pushing the flaps in you have a square pot with bottom.

All bands packed 250 to a carton, in cases weighing about 47 pounds.

Remember! Square bands and pots have nearly twice the cubic capacity of round pots of same diameter. Order next size smaller band than the round pot you generally use.

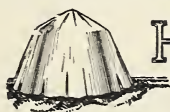
No.	Size	High	250	1000	4000
2P	2x2	2½	\$1.00	\$3.50	\$13.50
3P	3x3	3	1.50	5.25	20.00



PROTECT PLANTS FOR PROFIT

Last year thousands of growers added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hot houses that protect plants from frost, wind, rain, insects and ground crusting.

HOTKAPS not only protect plants, but make them grow hardier and faster. Thus you get a greater crop production to market earlier for higher prices.



Germaco
Hotcaps
New Method of
Plant Protection

Higher Prices for Your Crop

This Amazing New Method of Plant Protection gets you Higher prices for Larger and Quicker Crops.

100 lots for.....	\$2.25
250 lots for.....	4.00
1,000 lots.....	\$11.50 per M.
5,000 lots.....	11.00 per M.
10,000 lots.....	10.75 per M.

"Germaco Hotcap Setters, a labor saving device for setting Hotcaps accurately and quickly into the ground. Postage or express extra.

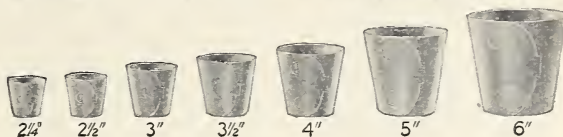
Germaco Garden Setter.....	\$0.50
Germaco Steel Setter.....	2.50

Write for interesting pamphlet or order today!

NEPONSET PAPER FLOWER POTS

These are made of heavy Neponset Paper and are nearly equal to the stoneware pots.

These pots are nested and packed in cases of 1000 each, except 5 and 6 inch sizes, which are put up in cases of 500 each.

Bird's IMPROVED
NEPONSET Flower Pots

Ins. Diam.	Weight per 100	Doz.	100	1000
2¼	2 lbs.	\$0.10	\$0.50	\$4.50
2½	2 lbs.	.10	.60	4.90
3	2 lbs.	.18	.80	6.75
3½	3 lbs.	.20	1.00	8.25
4	4 lbs.	.25	1.30	11.00
5	7 lbs.	.30	2.00	15.75
6	10 lbs.	.50	3.00	.....

WIRE HANGING FLOWER BASKET

	Each	Parcel Post
10-inch	\$0.35	\$0.45
12-inch .....	.45	.60
14-inch .....	.60	.75



Spagnum Moss. Extensively used for filling Fern and Orchid baskets, mixing with potting soil, covering tops of pots to preserve moisture, etc. **Lb., 15c; bale, about 20 lbs., \$2.00.**

GATOR-HIDE MULCH PAPER

A Miracle Paper That Grows Bigger, Better, Earlier Crops

Gator-Hide Mulch Paper by raising the temperature of the soil and conserving the moisture in the soil, produces bigger, better, sturdier, earlier crops, and at the same time reduces the labor of weeding and cultivating to the absolute minimum. Weeds can't come up in soil that is covered by Gator-Hide.

Use Gator-Hide this year. Let it show you the way to greater success with less work.

PRICES

Type A (Light Weight)

Width	Length	Sq. Ft.	Per Roll
18 in.	900 ft.	1350	\$3.50
36 in.	900 ft.	2700	7.00

Type B (Heavy Weight)

Width	Length	Sq. Ft.	Per Roll
18 in.	450 ft.	675	\$3.50
36 in.	450 ft.	1350	7.00

FERTILIZERS FOR LAWN, GARDEN AND FIELD

A Necessity to All Growing Plants

WIZARD SHEEP MANURE—A Safe Fertilizer



If you want a beautiful lawn, prize-winning flowers or a big crop of crisp, delicious vegetables, be sure to fertilize with Wizard Sheep Manure. Wizard is a natural plant food treated to kill all weed seeds. It is safe and will not burn lawns or plants. There is no substitute for manure in making poor, worn-out soils rich and fertile. Wizard supplies the humus and natural food that makes plants grow amazingly. It is a real soil builder and not a chemical stimulant. It is economical, easy to use and lasting in its beneficial effect.

fect. Try Wizard this year, then watch your plants grow.

Lawns. Wizard produces a thick velvety green turf of lasting beauty. Give your lawn an applica-

tion early in Spring and you will be surprised at the new beauty it will develop. In making new lawns scatter broadcast 100 pounds to 1500 square feet.

Flower Gardens. Luxuriant green foliage and a wealth of vivid colored flowers are the result of feeding your plants Wizard. It is just what nature needs to make strong, healthy plants. Dig it into the garden soil and mix a small handful with the soil under each plant or bulb and more for vines, shrubs, and trees, depending on size. Light applications during the growing season will put new life into your plants and prolong the blooming season.

Florists. Wizard is unexcelled for feeding plants grown under glass. Safe, pure and weedless. Fine for mixing with bench and potting soil and liquid manuring. You need manure to grow profitable high quality crops and it pays to use Wizard.

Price, Wizard Sheep Manure:

		Postpaid
5 lbs.	.....\$0.30	\$0.40
10 lbs.	.....	.65
25 lbs.	.....	1.00
50 lbs.	.....	1.65
100 lbs.	.....	2.90
500 lbs.	.....	13.50

Prices in ton lots quoted on request.

GENERAL LIST FERTILIZERS

Armour's Lawn and Garden Grower. A properly balanced concentrated plant food mixture blended from those chemical fertilizer ingredients best suited for the growing of grass and gardens. It contains 6 per cent Ammonia, 8 per cent available Phosphoric Acid and 6 per cent Potash. 50 lbs., \$3.00; 100 lbs., \$5.00.

Bone Meal. For top dressing for lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid. Use 400 to 600 lbs. per acre. 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$2.50 125 lbs., \$5.00.

Floyd's Odorless. After the soil has been thoroughly worked, broadcast one to one and one-half pounds Plant Food to the square yard and rake into soil. 25 lb. bags, \$1.00; 50 lb. bags, \$1.75; 100 lb. bags, \$3.00.

Grasselli Odorless Plant Food. Made from a special formula. It is quick acting and permanent general fertilizer for all growing crops, either for digging in or top dressing. 1 lb., 25c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

Hydrated Lime. Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1,000 square feet. 10 lbs., 45c; 50 lb. bags, \$1.00.

Nitrate of Soda. Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.00.

Pulverized Limestone. As a crop-producer, we hardly believe it has an equal. It is made from the purest crystalline white limestone obtainable. Bags of 100 lbs., \$1.50.

Sacco. The perfect plant food. Growing plants are continually draining the supply of food elements from the soil. Unless replenished, growth slows up. 50 lbs., \$3.00; 100 lbs., \$5.00.

ADCO FOR ARTIFICIAL MANURE

What is required in the garden to make artificial manure:

Three things only. First, vegetable wastes; second, water and a garden hose; third, the bacterial food known as ADCO.

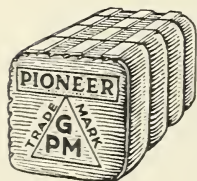
ADCO is a powder which, mixed with almost any non-woody vegetable waste, and kept wet, gradually converts it into manure.

ADCO, in 25 lb. bags, each.....\$2.00
(Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure.)

GRANULATED IMPORTED PEAT

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

FOR LAWN



Granulated peat moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum) and various aquatic plants, in and along the shores of fresh water lakes. It is a soil medium that is free from fungus and free from weed seeds, highly absorbent and retentive of moisture, rich in carbonaceous matter, and has no detrimental mineral content.

Established lawns should be covered $\frac{1}{2}$ inch deep with Granulated Peat Moss in the late Fall. It will almost disappear by Spring. If the Fall covering has been omitted cover lightly in the Spring and occasionally during the growing season. It soon works in about the grass roots.

Get Granulated Peat Moss today. Enjoy the pleasure of a bountiful garden and beautiful lawns.

Large bale, about 160 lbs. cover 270 square feet one inch deep. Price, per bale, \$4.50; 5-bale lots, \$4.25 per bale.

Arcadian Sulphate of Ammonia

A wonderful fertilizer for lawn, garden or orchard. Guaranteed $23\frac{1}{4}$ per cent ammonia, highly concentrated, quick acting. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure. No weed seeds, no odor, no lumps; all soluble. Does not gather moisture. Always fine and dry. Full directions on package. Write for free pamphlets. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.25; 100 lbs., \$6.00.



Ammonia for the Lawn

Scatter evenly any time during the growing season; when the grass is dry, then sprinkle the lawn thoroughly with water. For best results apply in the Spring when growth starts. Repeat in one month and again in early Fall.

Do not exceed quantities given below:

10 lbs. covers 2500 sq. ft. or 50 ft. x 50 ft.
5 lbs. covers 1250 sq. ft. or 25 ft. x 50 ft.
2 lbs. covers 500 sq. ft. or 10 ft. x 50 ft.
1 lb. covers 250 sq. ft. or 10 ft. x 25 ft.

Fertilizers for Lawn, Garden and Field

A Necessity to All Growing Plants

GROW BETTER FLOWERS—AND MORE OF THEM

Feed your flowers. They are living things and will grow better and faster when given the proper food.

You will have more of them. They will be larger, more beautiful, and finer in every way if you feed them Vigoro.

Vigoro is a complete, scientifically balanced plant food that furnishes *all* the different food elements they require. Two million users have proved its success on lawns, flowers, gardens, shrubs and trees.

VIGORO Odorless PLANT FOOD

VIGORO

Specially prepared plant food

Vigoro is specially prepared to supply growing things with all of the plant food elements needed for rapid growth. Vigoro is odorless, clean, and easy to apply. It can be sown by hand like grass seed.

A BETTER LAWN

Good seed and the right kind of plant food are essential. To have a thick, dark green lawn use VIGORO, the plant food specially prepared to supply grass and other plants with all of the plant food elements needed for beautiful growth.

BETTER VEGETABLES

To have early, succulent vegetables use disease-free seed. Seed with a high germinating power—and VIGORO.

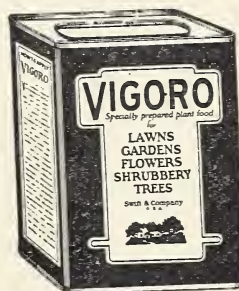


VIGORO

Specially prepared plant food

Size of Lot	Needed	Size of Lot	Needed
30x125 ft.....	50 lbs.	100x150 ft.....	350 lbs.
50x125 ft.....	125 lbs.	150x150 ft.....	550 lbs.
75x150 ft.....	250 lbs.	200x300 ft.....	1600 lbs.

100-lb. bag.....	\$5.00
50-lb. bag.....	3.00
25-lb. bag.....	1.75
5-lb. pkg.....	.50
12-oz. pkg.....	.10



Vegetables are heavy feeders and must be fed the right kind and amount of plant food. Vigoro will help you to have early, succulent vegetables and more of them.

BETTER FLOWERS

Don't wish for beautiful flowers—have them by using hardy disease-free seeds, plants and bulbs, and VIGORO. Prizes are being won all over the country with flowers grown with VIGORO.

LUXURIANT SHRUBBERY—STATELY TREES

Trees and shrubbery must be fed the right nourishment the same as human beings or they become "stunted" and lose the beauty that we so admire. Then, too, under-nourished trees and shrubbery are more susceptible to disease and insect pests. VIGORO supplies the nourishment needed for maximum beauty and production.

JAX PLANT FOOD

JAX

GIVES *FASTER, STURDIER* GROWTH
GOES *THREE TIMES* AS FAR

TRIPLE STRENGTH
PLANT FOOD

JAX dissolves like sugar; carries balanced liquid nourishment into earth, causing deep-rooted, vigorous, disease-resisting plants. Clean. Odorless. Dustless. When used dry, apply 1 lb. to 200 square feet and be sure to wet down thoroughly after applying. Easier, more conveniently applied in liquid form with the Jaxometer, which holds 2 lbs. of Jax—enough to fertilize 400 sq. ft. Use in early spring, late spring, and early fall. Full directions with each package.

JAX Costs Less Per Pound of Plant Food; One Pound Is Richer Than 40 Pounds of Manure

Jax Tabs (for potted plants).....	\$.25
1-lb. carton.....	.45
5-lb. canister.....	1.50
25-lb. sack.....	5.00
100-lb. sack.....	17.50
JAXOMETER, for applying Jax in liquid form.....	3.75



LIQUID NOURISHMENT RIGHT TO THE ROOTS WITH JAX AND THE JAXOMETER.



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